

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049643.D
 Acq On : 06 Jul 2022 19:03
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 07:22:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	48219	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	17401	0.985	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16647	1.024	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	148045	8.017	ug/l	99
3) Chloromethane	1.533	50	198184	10.493	ug/l	100
4) Vinyl Chloride	1.604	62	159727	9.275	ug/l	100
5) Bromomethane	1.855	94	72464	8.068	ug/l	100
6) Chloroethane	1.932	64	90729	9.407	ug/l	99
7) Trichlorofluoromethane	2.138	101	175227	8.490	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	89391	8.242	ug/l	98
9) 1,1-Dichloroethene	2.581	96	97658	8.932	ug/l	99
10) Iodomethane	2.720	142	124146	8.952	ug/l	99
11) Allyl Chloride	2.922	41	183800	9.858	ug/l	98
12) Acrylonitrile	3.318	53	65731	22.487	ug/l	98
13) Acetone	2.630	43	123852	61.290	ug/l	100
14) Carbon Disulfide	2.790	76	326480	9.070	ug/l	100
15) Methylene Chloride	3.044	84	136239	9.951	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	113200	9.859	ug/l	97
17) 1,1-Dichloroethane	3.867	63	247149	10.410	ug/l	98
18) 2-Butanone	4.716	43	224322	59.598	ug/l	97
19) Cyclohexane	5.385	56	180601m	7.959	ug/l	
20) Methylcyclohexane	6.761	83	177331	7.928	ug/l	99
21) 2,2-Dichloropropane	4.665	77	163817	8.432	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	146443	10.342	ug/l	99
23) Diethyl Ether	2.379	59	101785	10.928	ug/l	98
24) tert-Butyl Alcohol	3.199	59	133723	125.844	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	335249	10.966	ug/l	99
26) Bromochloromethane	4.977	128	65833	11.043	ug/l	98
27) Chloroform	5.089	83	243634	10.428	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	198533	9.636	ug/l	98
29) 1,1-Dichloropropene	5.523	75	169666	9.221	ug/l	99
30) Carbon Tetrachloride	5.523	117	163257	9.410	ug/l	97
31) Isopropyl Ether	4.002	45	433072	10.636	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	411667	10.682	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	364437	10.876	ug/l	99
34) Propionitrile	4.784	54	67781	60.127	ug/l	99
35) Benzene	5.774	78	539709	10.294	ug/l	99
36) 1,2-Dichloroethane	5.797	62	166049	11.138	ug/l	100
37) Trichloroethene	6.543	130	130642	9.859	ug/l	99
38) 1,2-Dichloropropane	6.793	63	148029	10.664	ug/l	100
39) Methacrylonitrile	4.980	41	55784	11.550	ug/l	98
40) Methyl acrylate	4.851	55	91683	12.121	ug/l	99
41) Tetrahydrofuran	5.064	42	60676	24.026	ug/l	99
42) 1-Chlorobutane	5.459	56	245482	9.514	ug/l	99
43) Dibromomethane	6.919	93	75496	10.915	ug/l	98
44) Bromodichloromethane	7.105	83	181236	10.933	ug/l	99

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45) 4-Methyl-2-Pentanone	7.793	43	540431	57.573	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	70971m	23.233	ug/l	
47) Methyl methacrylate	6.964	69	161029	23.090	ug/l	97
48) Ethyl methacrylate	8.333	69	160519	11.473	ug/l	98
49) Toluene	7.970	92	330861	10.334	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	177776	11.103	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	205540	10.832	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	107622	11.275	ug/l	99
53) 1,3-Dichloropropane	8.575	76	188014	10.974	ug/l	99
54) 2-Hexanone	8.687	43	380360	58.344	ug/l	99
55) Dibromochloromethane	8.809	129	121867	11.177	ug/l	98
56) 1,2-Dibromoethane	8.925	107	102499	11.089	ug/l	100
58) Tetrachloroethene	8.552	164	104131	9.451	ug/l	99
59) Chlorobenzene	9.446	112	341703	10.201	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	129179	10.843	ug/l	98
61) Pentachloroethane	11.427	117	96363	10.534	ug/l	99
62) Hexachloroethane	12.475	117	90338	9.860	ug/l	100
63) Ethyl Benzene	9.571	91	616204	10.221	ug/l	99
64) m/p-Xylenes	9.694	106	451346	20.238	ug/l	97
65) o-Xylene	10.099	106	223238	10.185	ug/l	98
66) Styrene	10.115	104	379238	10.769	ug/l	100
67) Bromoform	10.292	173	71798	11.540	ug/l	99
69) Isopropylbenzene	10.485	105	573591	9.798	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.784	83	142493	11.491	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	107453m	10.466	ug/l	
72) Bromobenzene	10.780	156	140527	10.652	ug/l	99
73) n-propylbenzene	10.906	120	148233	10.034	ug/l	100
74) 2-Chlorotoluene	10.986	126	135606	10.295	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	499223	10.201	ug/l	98
76) 4-Chlorotoluene	11.095	126	142304	10.772	ug/l	92
77) tert-Butylbenzene	11.420	119	472379	9.802	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	511043	10.401	ug/l	99
79) sec-Butylbenzene	11.642	105	602784	9.536	ug/l	100
80) Nitrobenzene	13.208	77	27946	55.088	ug/l #	94
81) p-Isopropyltoluene	11.793	119	503101	9.812	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	263296	10.317	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	264284	10.263	ug/l	99
84) n-Butylbenzene	12.208	91	466098	9.761	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	257368	10.410	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	25842	11.950	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	183570	11.006	ug/l	98
88) Hexachlorobutadiene	14.021	225	79958	9.406	ug/l	99
89) Naphthalene	14.086	128	399437	11.422	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	173965	10.923	ug/l	99

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

