

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061136.D
 Acq On : 16 Oct 2024 11:45
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 04:53:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	30793	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15908	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	= 100.000%		
68) 1,2-Dichlorobenzene-d4	12.184	152	15895	1.027	ug/l	0.00
Spiked Amount 1.000			Recovery	= 103.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	61237	10.211	ug/l	100
3) Chloromethane	1.515	50	39572	9.622	ug/l	100
4) Vinyl Chloride	1.599	62	50756	10.500	ug/l	100
5) Bromomethane	1.853	94	33859	10.441	ug/l	100
6) Chloroethane	1.927	64	49925	9.910	ug/l	100
7) Trichlorofluoromethane	2.133	101	120414	10.350	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	78236	10.437	ug/l	100
9) 1,1-Dichloroethene	2.573	96	55162	10.355	ug/l	100
10) Iodomethane	2.715	142	52632	10.928	ug/l	100
11) Allyl Chloride	2.917	41	86423	10.045	ug/l	100
12) Acrylonitrile	3.316	53	45206	20.881	ug/l	100
13) Acetone	2.631	43	181290	54.286	ug/l	100
14) Carbon Disulfide	2.785	76	41221	9.693	ug/l	100
15) Methylene Chloride	3.039	84	91900	10.038	ug/l	100
16) trans-1,2-Dichloroethene	3.345	96	63696	10.586	ug/l	100
17) 1,1-Dichloroethane	3.859	63	188749	10.463	ug/l	100
18) 2-Butanone	4.698	43	203592	53.545	ug/l	100
19) Cyclohexane	5.380	56	79424m	10.478	ug/l	
20) Methylcyclohexane	6.753	83	102506	10.628	ug/l	100
21) 2,2-Dichloropropane	4.653	77	184165	10.532	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	106628	10.471	ug/l	100
23) Diethyl Ether	2.370	59	60009	10.290	ug/l	100
24) tert-Butyl Alcohol	3.213	59	113471	115.863	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	281952	10.518	ug/l	100
26) Bromochloromethane	4.965	128	44656	10.523	ug/l	100
27) Chloroform	5.078	83	223994	10.326	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	178337	10.390	ug/l	100
29) 1,1-Dichloropropene	5.518	75	104218	10.478	ug/l	100
30) Carbon Tetrachloride	5.515	117	140540	10.624	ug/l	100
31) Isopropyl Ether	3.981	45	309110	10.489	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	327008	10.487	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	304962	10.524	ug/l	100
34) Propionitrile	4.776	54	46999	53.119	ug/l	100
35) Benzene	5.766	78	360376	10.318	ug/l	100
36) 1,2-Dichloroethane	5.785	62	125869	10.454	ug/l	100
37) Trichloroethene	6.534	130	102906	10.634	ug/l	100
38) 1,2-Dichloropropane	6.782	63	123119	10.611	ug/l	100
39) Methacrylonitrile	4.965	41	33853	11.279	ug/l	100
40) Methyl acrylate	4.843	55	55796	11.041	ug/l	100
41) Tetrahydrofuran	5.052	42	32416	20.048	ug/l	100
42) 1-Chlorobutane	5.448	56	148910	10.602	ug/l	100
43) Dibromomethane	6.910	93	57351	10.616	ug/l	100
44) Bromodichloromethane	7.097	83	173339	10.581	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	380546	53.739	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	64082m	21.155	ug/l	
47) Methyl methacrylate	6.952	69	120523	21.823	ug/l	100
48) Ethyl methacrylate	8.325	69	125582	10.900	ug/l	100
49) Toluene	7.962	92	252321	10.633	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	157005	10.887	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	179212	10.674	ug/l	100
52) 1,1,2-Trichloroethane	8.390	97	96338	10.527	ug/l	100
53) 1,3-Dichloropropane	8.566	76	155793	10.512	ug/l	100
54) 2-Hexanone	8.676	43	342156	54.932	ug/l	100
55) Dibromochloromethane	8.801	129	119167	10.783	ug/l	100
56) 1,2-Dibromoethane	8.914	107	80308	10.411	ug/l	100
58) Tetrachloroethene	8.547	164	88739	10.486	ug/l	100
59) Chlorobenzene	9.438	112	330549	10.748	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	126846	10.573	ug/l	100
61) Pentachloroethane	11.418	117	100638	10.891	ug/l	100
62) Hexachloroethane	12.467	117	110068	11.421	ug/l	100
63) Ethyl Benzene	9.563	91	558150	10.620	ug/l	100
64) m/p-Xylenes	9.685	106	418426	21.394	ug/l	100
65) o-Xylene	10.090	106	221255	10.697	ug/l	100
66) Styrene	10.107	104	362765	11.005	ug/l	100
67) Bromoform	10.283	173	64979	10.937	ug/l	100
69) Isopropylbenzene	10.476	105	604923	10.757	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	126951	10.545	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	99521m	10.629	ug/l	
72) Bromobenzene	10.775	156	132193	10.744	ug/l	100
73) n-propylbenzene	10.897	120	164852	11.224	ug/l	100
74) 2-Chlorotoluene	10.978	126	143529	10.757	ug/l	100
75) 1,3,5-Trimethylbenzene	11.078	105	513942	10.888	ug/l	100
76) 4-Chlorotoluene	11.090	126	145892	10.785	ug/l	100
77) tert-Butylbenzene	11.412	119	536943	10.926	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	534091	11.081	ug/l	100
79) sec-Butylbenzene	11.634	105	692892	10.906	ug/l	100
80) Nitrobenzene	13.203	77	16497	48.342	ug/l	100
81) p-Isopropyltoluene	11.785	119	574472	11.149	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	284275	10.968	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	281151	10.917	ug/l	100
84) n-Butylbenzene	12.200	91	558647	11.262	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	269801	10.804	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	20793	11.092	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	175735	11.793	ug/l	100
88) Hexachlorobutadiene	14.013	225	90023	10.878	ug/l	100
89) Naphthalene	14.077	128	300234	11.997	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	145331	11.522	ug/l	100

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

