

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061600.D
 Acq On : 12 Nov 2024 11:10
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Quant Time: Nov 13 04:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 04:39:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

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

Internal Standards						
1) Fluorobenzene	6.107	96	54385	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	19237	1.020	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	19212	1.022	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	201746	14.432	ug/l	100
3) Chloromethane	1.518	50	191073	14.292	ug/l	99
4) Vinyl Chloride	1.602	62	221746	14.740	ug/l	100
5) Bromomethane	1.853	94	145854	15.356	ug/l	100
6) Chloroethane	1.930	64	168321	13.835	ug/l	100
7) Trichlorofluoromethane	2.133	101	311228	14.455	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	167380	14.524	ug/l	100
9) 1,1-Dichloroethene	2.573	96	180168	14.922	ug/l	100
10) Iodomethane	2.715	142	218835	14.923	ug/l	99
11) Allyl Chloride	2.914	41	217281	15.552	ug/l	100
12) Acrylonitrile	3.316	53	75291	31.532	ug/l	97
13) Acetone	2.641	43	205840	61.760	ug/l	99
14) Carbon Disulfide	2.785	76	580554	14.881	ug/l	100
15) Methylene Chloride	3.036	84	216216	14.827	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	214585	15.299	ug/l	99
17) 1,1-Dichloroethane	3.856	63	376430	15.050	ug/l	100
18) 2-Butanone	4.702	43	280477	72.566	ug/l	99
19) Cyclohexane	5.380	56	310880m	15.320	ug/l	
20) Methylcyclohexane	6.753	83	360461	15.840	ug/l	99
21) 2,2-Dichloropropane	4.650	77	303796	15.102	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	237917	15.549	ug/l	100
23) Diethyl Ether	2.370	59	134737	14.972	ug/l	99
24) tert-Butyl Alcohol	3.242	59	140236	152.825	ug/l	98
25) Methyl tert-Butyl Ether	3.354	73	470253	15.888	ug/l	99
26) Bromochloromethane	4.962	128	104194	15.457	ug/l	99
27) Chloroform	5.075	83	404139	15.234	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	337258	15.387	ug/l	100
29) 1,1-Dichloropropene	5.515	75	304528	15.464	ug/l	100
30) Carbon Tetrachloride	5.515	117	296404	15.777	ug/l	99
31) Isopropyl Ether	3.978	45	531290	15.963	ug/l	99
32) Ethyl-t-butyl ether	4.489	59	513805	16.149	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	472688	16.437	ug/l	99
34) Propionitrile	4.782	54	74216	82.165	ug/l	99
35) Benzene	5.763	78	902712	15.380	ug/l	99
36) 1,2-Dichloroethane	5.782	62	245826	15.072	ug/l	100
37) Trichloroethene	6.534	130	236949	15.247	ug/l	99
38) 1,2-Dichloropropane	6.779	63	228397	15.498	ug/l	100
39) Methacrylonitrile	4.962	41	53918	16.677	ug/l	97
40) Methyl acrylate	4.837	55	104109	17.791	ug/l	96
41) Tetrahydrofuran	5.052	42	56051	30.697	ug/l	96
42) 1-Chlorobutane	5.448	56	385497	15.687	ug/l	99
43) Dibromomethane	6.907	93	120336	15.419	ug/l	99
44) Bromodichloromethane	7.094	83	283267	16.072	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	573100	78.941	ug/l	99
46) t-1,4-Dichloro-2-butene	10.824	75	109775m	27.348	ug/l	
47) Methyl methacrylate	6.952	69	211728	34.181	ug/l	98
48) Ethyl methacrylate	8.325	69	219615	17.441	ug/l	100
49) Toluene	7.959	92	569394	15.886	ug/l	99
50) t-1,3-Dichloropropene	8.200	75	271100	17.191	ug/l	98
51) cis-1,3-Dichloropropene	7.599	75	332580	16.439	ug/l	100
52) 1,1,2-Trichloroethane	8.390	97	163736	15.305	ug/l	98
53) 1,3-Dichloropropane	8.563	76	282366	15.465	ug/l	99
54) 2-Hexanone	8.676	43	443067	71.629	ug/l	99
55) Dibromochloromethane	8.798	129	200414	17.305	ug/l	99
56) 1,2-Dibromoethane	8.914	107	158995	15.813	ug/l	99
58) Tetrachloroethene	8.544	164	208495	14.913	ug/l	99
59) Chlorobenzene	9.438	112	630777	15.930	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	214980	16.451	ug/l	99
61) Pentachloroethane	11.418	117	165939	16.877	ug/l	98
62) Hexachloroethane	12.467	117	159260	14.654	ug/l	98
63) Ethyl Benzene	9.560	91	1085838	16.288	ug/l	99
64) m/p-Xylenes	9.685	106	851199	33.156	ug/l	100
65) o-Xylene	10.090	106	413105	16.502	ug/l	99
66) Styrene	10.103	104	671785	14.574	ug/l	100
67) Bromoform	10.280	173	108874	18.122	ug/l	99
69) Isopropylbenzene	10.473	105	969099	16.551	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	207515	15.752	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	167095m	15.565	ug/l	
72) Bromobenzene	10.772	156	255250	16.442	ug/l	99
73) n-propylbenzene	10.897	120	294233	16.998	ug/l	98
74) 2-Chlorotoluene	10.978	126	255225	16.526	ug/l	97
75) 1,3,5-Trimethylbenzene	11.078	105	893965	16.865	ug/l	100
76) 4-Chlorotoluene	11.087	126	267767	16.856	ug/l	98
77) tert-Butylbenzene	11.412	119	872688	16.864	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	906544	14.484	ug/l	100
79) sec-Butylbenzene	11.634	105	1140390	16.624	ug/l	99
80) Nitrobenzene	13.200	77	18918m	74.585	ug/l	
81) p-Isopropyltoluene	11.785	119	956073	14.469	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	490377	16.332	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	492781	16.396	ug/l	99
84) n-Butylbenzene	12.200	91	881289	14.485	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	464977	16.408	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	30489	14.760	ug/l	98
87) 1,2,4-Trichlorobenzene	13.830	180	294264	14.831	ug/l	98
88) Hexachlorobutadiene	14.010	225	155334	16.413	ug/l	99
89) Naphthalene	14.077	128	506732	15.006	ug/l	100
90) 1,2,3-Trichlorobenzene	14.319	180	271334	14.945	ug/l	98

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

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