

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063572.D
 Acq On : 15 Sep 2025 10:34
 Operator : MD/SY
 Sample : VU0915WBL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0915WBL01

Quant Time: Sep 16 04:55:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	35789	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11753	0.881	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11779	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.518	50	713	0.062	ug/l	# 79
5) Bromomethane	1.837	94	766	0.099	ug/l	96
6) Chloroethane	1.776	64	144	0.018	ug/l	# 32
7) Trichlorofluoromethane	2.126	101	102	0.006	ug/l	# 18
10) Iodomethane	2.708	142	708	0.053	ug/l	97
11) Allyl Chloride	3.030	41	293	0.019	ug/l	90
14) Carbon Disulfide	2.772	76	501	0.026	ug/l	# 75
17) 1,1-Dichloroethane	3.850	63	19	0.001	ug/l	# 85
18) 2-Butanone	4.702	43	227	0.050	ug/l	78
19) Cyclohexane	5.361	56	160	0.009	ug/l	# 30
21) 2,2-Dichloropropane	4.650	77	113	0.007	ug/l	# 54
23) Diethyl Ether	2.367	59	39	0.005	ug/l	# 49
25) Methyl tert-Butyl Ether	3.374	73	76	0.003	ug/l	# 1
27) Chloroform	5.068	83	279	0.012	ug/l	91
29) 1,1-Dichloropropene	5.493	75	83	0.005	ug/l	# 65
31) Isopropyl Ether	3.994	45	368	0.010	ug/l	73
33) Tert-Amyl methyl ether	6.107	73	448	0.016	ug/l	# 34
35) Benzene	5.759	78	700	0.015	ug/l	# 61
36) 1,2-Dichloroethane	5.779	62	40	0.003	ug/l	# 78
37) Trichloroethene	6.525	130	237	0.020	ug/l	# 59
39) Methacrylonitrile	4.962	41	46	0.009	ug/l	# 1
40) Methyl acrylate	4.837	55	199	0.029	ug/l	# 77
41) Tetrahydrofuran	5.042	42	117	0.045	ug/l	# 35
42) 1-Chlorobutane	5.451	56	116	0.005	ug/l	100
45) 4-Methyl-2-Pentanone	7.804	43	883	0.119	ug/l	# 47
49) Toluene	7.962	92	128	0.005	ug/l	# 1
54) 2-Hexanone	8.714	43	714	0.131	ug/l	# 75
59) Chlorobenzene	9.451	112	280	0.010	ug/l	# 43
63) Ethyl Benzene	9.563	91	547	0.011	ug/l	# 45
64) m/p-Xylenes	9.701	106	325	0.017	ug/l	# 68
65) o-Xylene	10.103	106	95	0.005	ug/l	# 1
66) Styrene	10.126	104	333	0.011	ug/l	# 55
69) Isopropylbenzene	10.483	105	429	0.009	ug/l	# 50
73) n-propylbenzene	11.081	120	131	0.010	ug/l	94
74) 2-Chlorotoluene	11.097	126	51	0.004	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.094	105	621	0.014	ug/l	# 61
76) 4-Chlorotoluene	11.097	126	51	0.004	ug/l	# 1
77) tert-Butylbenzene	11.415	119	324	0.008	ug/l	# 67
78) 1,2,4-Trimethylbenzene	11.467	105	903	0.021	ug/l	72
79) sec-Butylbenzene	11.637	105	871	0.015	ug/l	100
81) p-Isopropyltoluene	11.795	119	698	0.015	ug/l	# 66
82) 1,3-Dichlorobenzene	11.740	146	230	0.009	ug/l	# 79
83) 1,4-Dichlorobenzene	11.840	146	660	0.026	ug/l	# 93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) n-Butylbenzene	12.209	91	2042	0.047	ug/l #	90
85) 1,2-Dichlorobenzene	12.213	146	486	0.021	ug/l #	65
87) 1,2,4-Trichlorobenzene	13.849	180	1389	0.098	ug/l #	84
88) Hexachlorobutadiene	14.013	225	249	0.028	ug/l #	32
90) 1,2,3-Trichlorobenzene	14.335	180	1448	0.107	ug/l	93

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

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