Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
Data File : VU063661.D
Acq On : 31 Oct 2025 13:56
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 03 00:56:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
ICVVU103125

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.084	96	62337	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	29247	1.037	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.167	152	24326	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	127129	5.418	ug/l	98
3) Chloromethane	1.509	50	158994	7.206	ug/l	98
4) Vinyl Chloride	1.589	62	176763	7.878	ug/l	100
5) Bromomethane	1.837	94	114255	8.424	ug/l	99
6) Chloroethane	1.914	64	118486	8.602	ug/l	100
7) Trichlorofluoromethane	2.119	101	279780	8.573	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	164881	9.500	ug/l	100
9) 1,1-Dichloroethene	2.557	96	160516	9.550	ug/l	99
10) Iodomethane	2.698	142	226057	9.056	ug/l	99
11) Allyl Chloride	2.898	41	264581	10.081	ug/l	98
12) Acrylonitrile	3.287	53	187294	45.048	ug/l	97
13) Acetone	2.602	43	205107	27.931	ug/l	99
14) Carbon Disulfide	2.766	76	407297	8.601	ug/l	99
15) Methylene Chloride	3.017	84	184392	8.535	ug/l	98
16) trans-1,2-Dichloroethene	3.322	96	169246	9.131	ug/l	98
17) 1,1-Dichloroethane	3.833	63	344810	9.393	ug/l	100
18) 2-Butanone	4.685	43	249676	32.053	ug/l	99
19) Cyclohexane	5.348	56	261052	9.305	ug/l	100
20) Methylcyclohexane	6.727	83	309865	8.873	ug/l	98
21) 2,2-Dichloropropane	4.627	77	315646	9.582	ug/l	99
22) cis-1,2-Dichloroethene	4.631	96	212516	10.071	ug/l	98
23) Diethyl Ether	2.357	59	119493	8.677	ug/l	98
24) tert-Butyl Alcohol	3.161	59	84896	35.763	ug/l	98
25) Methyl tert-Butyl Ether	3.338	73	457947	9.298	ug/l	98
26) Bromochloromethane	4.939	128	72853	8.185	ug/l	100
27) Chloroform	5.055	83	355018	9.451	ug/l	100
28) 1,1,1-Trichloroethane	5.280	97	310054	9.359	ug/l	99
29) 1,1-Dichloropropene	5.489	75	236704	8.512	ug/l	99
30) Carbon Tetrachloride	5.486	117	246632	9.406	ug/l	99
31) Isopropyl Ether	3.968	45	562702	9.675	ug/l #	1
34) Propionitrile	4.750	54	138854	91.221	ug/l	97
35) Benzene	5.740	78	705109	8.995	ug/l	99
36) 1,2-Dichloroethane	5.762	62	223725	8.889	ug/l	99
37) Trichloroethene	6.508	130	186349	8.341	ug/l	97
38) 1,2-Dichloropropane	6.762	63	186226	8.489	ug/l	99
39) Methacrylonitrile	4.949	41	61491	8.115	ug/l	99
40) Methyl acrylate	4.824	55	86485	7.860	ug/l	98
41) Tetrahydrofuran	5.033	42	149609	43.883	ug/l	99
42) 1-Chlorobutane	5.422	56	365786	9.815	ug/l	98
43) Dibromomethane	6.888	93	99925	8.805	ug/l	98
44) Bromodichloromethane	7.077	83	266391	9.600	ug/l	100
45) 4-Methyl-2-Pentanone	7.778	43	601882	43.984	ug/l	99
46) t-1,4-Dichloro-2-butene	10.807	75	52046m	10.965	ug/l	

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.942	69	93114	8.918	ug/l	99
48) Ethyl methacrylate	8.315	69	197804	9.315	ug/l	98
49) Toluene	7.942	92	505602	9.564	ug/l	100
50) t-1,3-Dichloropropene	8.187	75	218445	9.057	ug/l	97
51) cis-1,3-Dichloropropene	7.579	75	266377	8.831	ug/l	99
52) 1,1,2-Trichloroethane	8.376	97	138364	8.969	ug/l	98
53) 1,3-Dichloropropane	8.550	76	239379	8.686	ug/l	99
54) 2-Hexanone	8.669	43	433702	37.540	ug/l	100
55) Dibromochloromethane	8.785	129	171574	9.445	ug/l	99
56) 1,2-Dibromoethane	8.901	107	124259	8.464	ug/l	98
58) Tetrachloroethene	8.524	164	207703	9.504	ug/l	99
59) Chlorobenzene	9.421	112	548758	9.572	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.508	131	178709	8.904	ug/l	99
61) Pentachloroethane	11.402	117	136062	9.772	ug/l	100
62) Hexachloroethane	12.450	117	149753	9.812	ug/l	100
63) Ethyl Benzene	9.544	91	979948	9.437	ug/l	99
64) m/p-Xylenes	9.669	106	742689	19.159	ug/l	99
65) o-Xylene	10.074	106	365203	9.614	ug/l	99
66) Styrene	10.090	104	607436	9.857	ug/l	99
67) Bromoform	10.267	173	89817	9.158	ug/l	99
69) Isopropylbenzene	10.460	105	988069	10.532	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	164691	8.499	ug/l	99
71) 1,2,3-Trichloropropane	10.801	75	129672m	7.691	ug/l	
72) Bromobenzene	10.759	156	214330	9.447	ug/l	99
73) n-propylbenzene	10.881	120	259194	9.723	ug/l	100
74) 2-Chlorotoluene	10.962	126	222557	9.633	ug/l	95
75) 1,3,5-Trimethylbenzene	11.064	105	843827	9.728	ug/l	99
76) 4-Chlorotoluene	11.074	126	227484	9.807	ug/l	99
77) tert-Butylbenzene	11.396	119	822847	9.682	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	825220	9.912	ug/l	99
79) sec-Butylbenzene	11.618	105	1097472	9.816	ug/l	100
80) Nitrobenzene	13.187	77	11440	16.787	ug/l	96
81) p-Isopropyltoluene	11.769	119	909193	9.932	ug/l	99
82) 1,3-Dichlorobenzene	11.720	146	438185	9.973	ug/l	100
83) 1,4-Dichlorobenzene	11.810	146	426091	9.759	ug/l	98
84) n-Butylbenzene	12.183	91	862068	10.507	ug/l	100
85) 1,2-Dichlorobenzene	12.187	146	400386	9.635	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.968	75	28149	8.767	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	272910	10.659	ug/l	99
88) Hexachlorobutadiene	13.994	225	148387	9.736	ug/l	98
89) Naphthalene	14.061	128	500503	10.161	ug/l	100
90) 1,2,3-Trichlorobenzene	14.302	180	237469	10.146	ug/l	100

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

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