Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
Data File : VU063685.D
Acq On : 07 Nov 2025 14:28
Operator : MD/SY
Sample : Q3530-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 02:35:04 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 :
LOQ-WATER-02-QT4-2025

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.084	96	57436	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	22359	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery =	86.000%		
68) 1,2-Dichlorobenzene-d4	12.171	152	21489	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery =	92.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	9351	0.433	ug/l	98
3) Chloromethane	1.509	50	9297	0.457	ug/l	99
4) Vinyl Chloride	1.589	62	9426	0.456	ug/l	97
5) Bromomethane	1.840	94	7145	0.572	ug/l	98
6) Chloroethane	1.914	64	6492	0.512	ug/l	93
7) Trichlorofluoromethane	2.120	101	14478	0.481	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	7931	0.496	ug/l	97
9) 1,1-Dichloroethene	2.557	96	7955	0.514	ug/l	86
10) Iodomethane	2.698	142	6892	0.300	ug/l	99
11) Allyl Chloride	2.894	41	10363	0.429	ug/l	91
12) Acrylonitrile	3.290	53	3386	0.884	ug/l	92
13) Acetone	2.605	43	13494	1.994	ug/l	99
14) Carbon Disulfide	2.766	76	16409	0.376	ug/l #	94
15) Methylene Chloride	3.013	84	11056	0.555	ug/l	96
16) trans-1,2-Dichloroethene	3.319	96	8948	0.524	ug/l	94
17) 1,1-Dichloroethane	3.830	63	16268	0.481	ug/l	97
18) 2-Butanone	4.692	43	15220	2.121	ug/l	98
19) Cyclohexane	5.341	56	12548	0.485	ug/l	96
20) Methylcyclohexane	6.724	83	14610	0.454	ug/l	97
21) 2,2-Dichloropropane	4.628	77	13345	0.440	ug/l	96
22) cis-1,2-Dichloroethene	4.628	96	9109	0.468	ug/l	97
23) Diethyl Ether	2.361	59	5967	0.470	ug/l	95
24) tert-Butyl Alcohol	3.171	59	10436	4.771	ug/l #	83
25) Methyl tert-Butyl Ether	3.341	73	21568	0.475	ug/l	99
26) Bromochloromethane	4.936	128	4047	0.493	ug/l	94
27) Chloroform	5.049	83	16627	0.480	ug/l	95
28) 1,1,1-Trichloroethane	5.277	97	14428	0.473	ug/l	94
29) 1,1-Dichloropropene	5.486	75	13243	0.517	ug/l	99
30) Carbon Tetrachloride	5.483	117	10506	0.435	ug/l	93
31) Isopropyl Ether	3.968	45	25716	0.480	ug/l	97
32) Ethyl-t-butyl ether	4.480	59	24910	0.482	ug/l	99
33) Tert-Amyl methyl ether	5.927	73	21634	0.481	ug/l	99
34) Propionitrile	4.756	54	3435	2.449	ug/l #	90
35) Benzene	5.737	78	35737	0.495	ug/l	97
36) 1,2-Dichloroethane	5.766	62	11519	0.497	ug/l	99
37) Trichloroethene	6.512	130	9594	0.466	ug/l	84
38) 1,2-Dichloropropane	6.766	63	9295	0.460	ug/l #	88
39) Methacrylonitrile	4.955	41	4734m	0.678	ug/l	
40) Methyl acrylate	4.830	55	4376	0.432	ug/l #	91
41) Tetrahydrofuran	5.042	42	3895	1.240	ug/l #	81
42) 1-Chlorobutane	5.422	56	15970	0.465	ug/l	93
43) Dibromomethane	6.894	93	4988	0.477	ug/l	89
44) Bromodichloromethane	7.081	83	9632	0.377	ug/l	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
Data File : VU063685.D
Acq On : 07 Nov 2025 14:28
Operator : MD/SY
Sample : Q3530-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 02:35:04 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 :
LOQ-WATER-02-QT4-2025

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	4-Methyl-2-Pentanone	7.785	43	27480	2.180	ug/l		97
46)	t-1,4-Dichloro-2-butene	10.807	75	3140m	0.718	ug/l		
47)	Methyl methacrylate	6.955	69	7634	0.794	ug/l		95
48)	Ethyl methacrylate	8.319	69	7950	0.406	ug/l		91
49)	Toluene	7.946	92	22177	0.455	ug/l		98
50)	t-1,3-Dichloropropene	8.193	75	8296	0.373	ug/l		99
51)	cis-1,3-Dichloropropene	7.586	75	11068	0.398	ug/l		98
52)	1,1,2-Trichloroethane	8.380	97	6651	0.468	ug/l		97
53)	1,3-Dichloropropane	8.550	76	11081	0.436	ug/l		91
54)	2-Hexanone	8.682	43	20088	1.887	ug/l		93
55)	Dibromochloromethane	8.785	129	5801	0.347	ug/l		98
56)	1,2-Dibromoethane	8.904	107	5475	0.405	ug/l		95
58)	Tetrachloroethene	8.524	164	9361	0.465	ug/l		95
59)	Chlorobenzene	9.425	112	23960	0.454	ug/l		97
60)	1,1,1,2-Tetrachloroethane	9.508	131	7270	0.393	ug/l		99
61)	Pentachloroethane	11.402	117	4612	0.360	ug/l		97
62)	Hexachloroethane	12.447	117	4141	0.294	ug/l		96
63)	Ethyl Benzene	9.547	91	43427	0.454	ug/l		96
64)	m/p-Xylenes	9.672	106	32182	0.901	ug/l		98
65)	o-Xylene	10.077	106	14975	0.428	ug/l		96
66)	Styrene	10.097	104	24790	0.437	ug/l		97
67)	Bromoform	10.267	173	3074	0.340	ug/l	#	91
69)	Isopropylbenzene	10.460	105	38745	0.448	ug/l		99
70)	1,1,2,2-Tetrachloroethane	10.759	83	7905	0.443	ug/l		98
71)	1,2,3-Trichloropropane	10.794	75	6633m	0.427	ug/l		
72)	Bromobenzene	10.759	156	9745	0.466	ug/l		86
73)	n-propylbenzene	10.885	120	11225	0.457	ug/l		94
74)	2-Chlorotoluene	10.965	126	9682	0.455	ug/l		97
75)	1,3,5-Trimethylbenzene	11.065	105	34415	0.431	ug/l		99
76)	4-Chlorotoluene	11.077	126	10240	0.479	ug/l		91
77)	tert-Butylbenzene	11.393	119	34493	0.441	ug/l		98
78)	1,2,4-Trimethylbenzene	11.444	105	35497	0.463	ug/l		93
79)	sec-Butylbenzene	11.618	105	45974	0.446	ug/l		100
80)	Nitrobenzene	13.200	77	972m	1.548	ug/l		
81)	p-Isopropyltoluene	11.769	119	37524	0.445	ug/l		98
82)	1,3-Dichlorobenzene	11.724	146	19870	0.491	ug/l		99
83)	1,4-Dichlorobenzene	11.817	146	20843	0.518	ug/l		97
84)	n-Butylbenzene	12.187	91	36115	0.478	ug/l		95
85)	1,2-Dichlorobenzene	12.190	146	18329	0.479	ug/l		99
86)	1,2-Dibromo-3-Chloropr...	12.965	75	816	0.276	ug/l		92
87)	1,2,4-Trichlorobenzene	13.820	180	12355	0.524	ug/l		99
88)	Hexachlorobutadiene	13.994	225	7029	0.501	ug/l		96
89)	Naphthalene	14.068	128	25118	0.553	ug/l		98
90)	1,2,3-Trichlorobenzene	14.306	180	11697	0.542	ug/l		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
Data File : VU063685.D
Acq On : 07 Nov 2025 14:28
Operator : MD/SY
Sample : Q3530-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 02:35:04 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 :
LOQ-WATER-02-QT4-2025

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025