Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
Data File : VU063551.D
Acq On : 21 Jul 2025 16:42
Operator : MD/SY
Sample : RL-CHECK
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:23:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 22 04:23:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.097	96	22003	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	6237	0.749	ug/l	0.00
Spiked Amount 1.000			Recovery =	75.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	6003	0.779	ug/l	0.00
Spiked Amount 1.000			Recovery =	78.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	2671	0.412	ug/l	93
3) Chloromethane	1.518	50	2805	0.465	ug/l	96
4) Vinyl Chloride	1.599	62	3439	0.448	ug/l	92
5) Bromomethane	1.846	94	3363	0.581	ug/l	89
6) Chloroethane	1.924	64	2428	0.524	ug/l	95
7) Trichlorofluoromethane	2.129	101	5044	0.457	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	2727	0.473	ug/l	99
9) 1,1-Dichloroethene	2.567	96	2585	0.453	ug/l	93
10) Iodomethane	2.715	142	1182	0.171	ug/l	99
11) Allyl Chloride	2.907	41	3882	0.470	ug/l	95
12) Acrylonitrile	3.306	53	1623	1.136	ug/l #	82
13) Acetone	2.621	43	3230	2.822	ug/l	96
14) Carbon Disulfide	2.779	76	6114	0.331	ug/l	100
15) Methylene Chloride	3.030	84	5283	0.786	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	2845	0.439	ug/l	97
17) 1,1-Dichloroethane	3.853	63	5788	0.481	ug/l	97
18) 2-Butanone	4.724	43	4024	2.270	ug/l	78
19) Cyclohexane	5.361	56	4668	0.458	ug/l	96
20) Methylcyclohexane	6.737	83	3840	0.388	ug/l	95
21) 2,2-Dichloropropane	4.650	77	4141	0.404	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	3278	0.466	ug/l	97
23) Diethyl Ether	2.370	59	2109	0.485	ug/l	92
24) tert-Butyl Alcohol	3.190	59	3725	7.089	ug/l #	77
25) Methyl tert-Butyl Ether	3.358	73	7457	0.500	ug/l #	83
26) Bromochloromethane	4.956	128	1366	0.465	ug/l	93
27) Chloroform	5.071	83	5869	0.478	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	4591	0.441	ug/l	100
29) 1,1-Dichloropropene	5.505	75	4499	0.466	ug/l	96
30) Carbon Tetrachloride	5.502	117	3334	0.398	ug/l	95
31) Isopropyl Ether	3.991	45	9295	0.512	ug/l	89
32) Ethyl-t-butyl ether	4.499	59	8089	0.482	ug/l	97
33) Tert-Amyl methyl ether	5.939	73	7324	0.502	ug/l	99
34) Propionitrile	4.776	54	1254	2.322	ug/l #	89
35) Benzene	5.756	78	13176	0.508	ug/l	98
36) 1,2-Dichloroethane	5.782	62	4335	0.538	ug/l #	92
37) Trichloroethene	6.528	130	2444	0.370	ug/l	92
38) 1,2-Dichloropropane	6.779	63	2420	0.399	ug/l	98
39) Methacrylonitrile	4.972	41	1644	0.685	ug/l #	74
40) Methyl acrylate	4.853	55	1835	0.523	ug/l #	75
41) Tetrahydrofuran	5.059	42	1580	1.251	ug/l #	79
42) 1-Chlorobutane	5.441	56	6226	0.485	ug/l	95
43) Dibromomethane	6.911	93	1228	0.391	ug/l #	86
44) Bromodichloromethane	7.094	83	2342	0.330	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
Data File : VU063551.D
Acq On : 21 Jul 2025 16:42
Operator : MD/SY
Sample : RL-CHECK
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:23:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 22 04:23:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	7027	2.169	ug/l	#	93
46) t-1,4-Dichloro-2-butene	10.820	75	1013m	0.833	ug/l		
47) Methyl methacrylate	6.968	69	2062	0.781	ug/l	#	90
48) Ethyl methacrylate	8.338	69	1795	0.356	ug/l		99
49) Toluene	7.962	92	5690	0.402	ug/l		96
50) t-1,3-Dichloropropene	8.210	75	1523	0.274	ug/l		97
51) cis-1,3-Dichloropropene	7.599	75	2067	0.277	ug/l	#	77
52) 1,1,2-Trichloroethane	8.396	97	1673	0.395	ug/l	#	86
53) 1,3-Dichloropropane	8.570	76	3083	0.422	ug/l		94
54) 2-Hexanone	8.698	43	4326	2.011	ug/l		98
55) Dibromochloromethane	8.801	129	1209	0.270	ug/l		88
56) 1,2-Dibromoethane	8.920	107	1517	0.401	ug/l		90
58) Tetrachloroethene	8.541	164	2351	0.388	ug/l		93
59) Chlorobenzene	9.444	112	6175	0.380	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.525	131	1551	0.297	ug/l		92
61) Pentachloroethane	11.418	117	1159	0.314	ug/l		93
62) Hexachloroethane	12.467	117	974	0.266	ug/l		88
63) Ethyl Benzene	9.563	91	10904	0.390	ug/l		98
64) m/p-Xylenes	9.685	106	8373	0.770	ug/l		100
65) o-Xylene	10.094	106	3733	0.357	ug/l		89
66) Styrene	10.113	104	5901	0.354	ug/l		94
67) Bromoform	10.287	173	609	0.265	ug/l	#	66
69) Isopropylbenzene	10.476	105	9412	0.373	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.772	83	2097	0.407	ug/l	#	98
71) 1,2,3-Trichloropropane	10.817	75	1522m	0.364	ug/l		
72) Bromobenzene	10.779	156	2445	0.375	ug/l		87
73) n-propylbenzene	10.898	120	2763	0.363	ug/l		83
74) 2-Chlorotoluene	10.981	126	2504	0.373	ug/l		95
75) 1,3,5-Trimethylbenzene	11.081	105	8605	0.357	ug/l		100
76) 4-Chlorotoluene	11.094	126	2655	0.389	ug/l		92
77) tert-Butylbenzene	11.412	119	8855	0.384	ug/l		97
78) 1,2,4-Trimethylbenzene	11.463	105	8603	0.359	ug/l		99
79) sec-Butylbenzene	11.637	105	11576	0.372	ug/l		95
81) p-Isopropyltoluene	11.785	119	8650	0.333	ug/l		97
82) 1,3-Dichlorobenzene	11.743	146	5130	0.393	ug/l		98
83) 1,4-Dichlorobenzene	11.833	146	5005	0.383	ug/l		99
84) n-Butylbenzene	12.203	91	9075	0.377	ug/l		90
85) 1,2-Dichlorobenzene	12.206	146	4780	0.390	ug/l		96
86) 1,2-Dibromo-3-Chloropr...	12.991	75	110	0.150	ug/l	#	58
87) 1,2,4-Trichlorobenzene	13.839	180	2698	0.354	ug/l		96
88) Hexachlorobutadiene	14.013	225	1717	0.397	ug/l		97
89) Naphthalene	14.090	128	5558	0.407	ug/l	#	93
90) 1,2,3-Trichlorobenzene	14.328	180	2735	0.388	ug/l		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
Data File : VU063551.D
Acq On : 21 Jul 2025 16:42
Operator : MD/SY
Sample : RL-CHECK
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 22 04:23:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 22 04:23:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025