

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063446.D
 Acq On : 24 Jun 2025 19:26
 Operator : MD/SY
 Sample : Q2126-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jun 25 03:14:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

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

Internal Standards						
1) Fluorobenzene	6.103	96	46402	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14658	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16096	0.941	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	13413	0.753	ug/l	95
3) Chloromethane	1.518	50	15630	0.666	ug/l	96
4) Vinyl Chloride	1.599	62	12952	0.644	ug/l	99
5) Bromomethane	1.846	94	8027	0.833	ug/l	93
6) Chloroethane	1.923	64	7189	0.604	ug/l	96
7) Trichlorofluoromethane	2.126	101	16085	0.702	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9478	0.776	ug/l	99
9) 1,1-Dichloroethene	2.570	96	10056	0.825	ug/l	87
10) Iodomethane	2.708	142	5693	0.579	ug/l	97
11) Allyl Chloride	2.910	41	16046	0.739	ug/l	95
12) Acrylonitrile	3.306	53	5757	1.635	ug/l	97
13) Acetone	2.621	43	10478	2.968	ug/l	100
14) Carbon Disulfide	2.775	76	31855	0.750	ug/l	# 95
15) Methylene Chloride	3.029	84	12352	0.800	ug/l	96
16) trans-1,2-Dichloroethene	3.332	96	11098	0.810	ug/l	91
17) 1,1-Dichloroethane	3.849	63	22029	0.765	ug/l	96
18) 2-Butanone	4.721	43	15720	3.200	ug/l	96
19) Cyclohexane	5.361	56	16922	0.777	ug/l	95
20) Methylcyclohexane	6.743	83	12714m	0.629	ug/l	
21) 2,2-Dichloropropane	4.644	77	13687	0.669	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	11278	0.754	ug/l	97
23) Diethyl Ether	2.370	59	8305	0.755	ug/l	92
24) tert-Butyl Alcohol	3.203	59	9912	8.559	ug/l	# 90
25) Methyl tert-Butyl Ether	3.361	73	25586	0.772	ug/l	# 78
26) Bromochloromethane	4.959	128	4299	0.738	ug/l	96
27) Chloroform	5.071	83	21059	0.780	ug/l	97
28) 1,1,1-Trichloroethane	5.293	97	16834	0.769	ug/l	98
29) 1,1-Dichloropropene	5.505	75	15292	0.765	ug/l	96
30) Carbon Tetrachloride	5.496	117	12990	0.743	ug/l	91
31) Isopropyl Ether	3.997	45	32823	0.730	ug/l	91
32) Ethyl-t-butyl ether	4.508	59	27899m	0.732	ug/l	
33) Tert-Amyl methyl ether	5.946	73	19639	0.720	ug/l	98
34) Propionitrile	4.782	54	5589	3.933	ug/l	# 87
35) Benzene	5.759	78	44173	0.731	ug/l	99
36) 1,2-Dichloroethane	5.788	62	13545	0.766	ug/l	97
37) Trichloroethene	6.531	130	11328	0.793	ug/l	99
38) 1,2-Dichloropropane	6.785	63	13057	0.782	ug/l	97
39) Methacrylonitrile	4.978	41	4132	0.699	ug/l	# 93
40) Methyl acrylate	4.856	55	6496	0.782	ug/l	# 93
41) Tetrahydrofuran	5.065	42	5113	1.608	ug/l	98
42) 1-Chlorobutane	5.438	56	22585m	0.796	ug/l	
43) Dibromomethane	6.914	93	5500	0.705	ug/l	96
44) Bromodichloromethane	7.100	83	13624	0.717	ug/l	96

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45) 4-Methyl-2-Pentanone	7.801	43	25953	3.099	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	4532m	1.646	ug/l	
47) Methyl methacrylate	6.978	69	7075	1.170	ug/l	96
48) Ethyl methacrylate	8.341	69	6994	0.646	ug/l	97
49) Toluene	7.962	92	20702	0.624	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	8446	0.616	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	12419	0.675	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	8148	0.714	ug/l	95
53) 1,3-Dichloropropane	8.573	76	14393	0.734	ug/l	97
54) 2-Hexanone	8.695	43	16788	2.988	ug/l	91
55) Dibromochloromethane	8.804	129	8863	0.753	ug/l	91
56) 1,2-Dibromoethane	8.920	107	7010	0.758	ug/l	99
58) Tetrachloroethene	8.544	164	10180	0.726	ug/l	98
59) Chlorobenzene	9.441	112	24767	0.697	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	9090	0.711	ug/l	97
61) Pentachloroethane	11.418	117	7730	0.742	ug/l	97
62) Hexachloroethane	12.470	117	7201	0.768	ug/l	88
63) Ethyl Benzene	9.563	91	34625	0.608	ug/l	97
64) m/p-Xylenes	9.688	106	25696	1.156	ug/l	99
65) o-Xylene	10.093	106	13247	0.612	ug/l	96
66) Styrene	10.113	104	19615	0.557	ug/l	98
67) Bromoform	10.283	173	4602	0.716	ug/l #	96
69) Isopropylbenzene	10.476	105	30654	0.611	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	10861	0.745	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	8849m	0.743	ug/l	
72) Bromobenzene	10.778	156	9286	0.660	ug/l	89
73) n-propylbenzene	10.901	120	8822	0.580	ug/l	97
74) 2-Chlorotoluene	10.981	126	9112	0.655	ug/l	87
75) 1,3,5-Trimethylbenzene	11.081	105	27913	0.572	ug/l	98
76) 4-Chlorotoluene	11.093	126	8749	0.600	ug/l	94
77) tert-Butylbenzene	11.412	119	29229	0.634	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	26136	0.532	ug/l	99
79) sec-Butylbenzene	11.637	105	37874	0.580	ug/l	98
80) Nitrobenzene	13.219	77	1997m	3.005	ug/l	
81) p-Isopropyltoluene	11.788	119	28504	0.559	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	21254	0.729	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	19819m	0.655	ug/l	
84) n-Butylbenzene	12.203	91	30093	0.563	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	19856	0.712	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1652	0.824	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.836	180	9567	0.615	ug/l	92
88) Hexachlorobutadiene	14.013	225	7625	0.691	ug/l	100
89) Naphthalene	14.087	128	15756	0.608	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	9941	0.643	ug/l	99

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

