Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063454.D
Acq On : 25 Jun 2025 12:31
Operator : MD/SY
Sample : Q2126-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 26 01:54:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 26 01:53:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.100	96	47758	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.631	95	15500	0.884	ug/l		0.00
Spiked Amount 1.000			Recovery =	88.000%			
68) 1,2-Dichlorobenzene-d4	12.190	152	16620	0.944	ug/l		0.00
Spiked Amount 1.000			Recovery =	94.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.380	85	19314	1.053	ug/l		98
3) Chloromethane	1.518	50	19974	0.827	ug/l		100
4) Vinyl Chloride	1.599	62	16608	0.803	ug/l		98
5) Bromomethane	1.846	94	11178	1.128	ug/l		98
6) Chloroethane	1.923	64	8987	0.733	ug/l		100
7) Trichlorofluoromethane	2.129	101	21458	0.909	ug/l		98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	10747	0.855	ug/l		91
9) 1,1-Dichloroethene	2.567	96	10631	0.848	ug/l		87
10) Iodomethane	2.708	142	7988	0.789	ug/l		98
11) Allyl Chloride	2.907	41	13325	0.597	ug/l		93
12) Acrylonitrile	3.306	53	4541	1.253	ug/l		96
13) Acetone	2.621	43	9826	2.704	ug/l		95
14) Carbon Disulfide	2.776	76	32197	0.736	ug/l		97
15) Methylene Chloride	3.030	84	14613	0.919	ug/l	#	82
16) trans-1,2-Dichloroethene	3.335	96	11608	0.823	ug/l		87
17) 1,1-Dichloroethane	3.849	63	21389	0.722	ug/l	#	93
18) 2-Butanone	4.721	43	20640	4.082	ug/l		97
19) Cyclohexane	5.357	56	23664	1.056	ug/l		99
20) Methylcyclohexane	6.743	83	19329	0.929	ug/l		96
21) 2,2-Dichloropropane	4.640	77	20870	0.991	ug/l		96
22) cis-1,2-Dichloroethene	4.647	96	16115	1.046	ug/l		90
23) Diethyl Ether	2.370	59	8069	0.713	ug/l		87
24) tert-Butyl Alcohol	3.203	59	8866	7.438	ug/l	#	88
25) Methyl tert-Butyl Ether	3.361	73	26065	0.764	ug/l		97
26) Bromochloromethane	4.955	128	6126	1.022	ug/l		91
27) Chloroform	5.071	83	28025	1.009	ug/l		98
28) 1,1,1-Trichloroethane	5.293	97	23425	1.040	ug/l		98
29) 1,1-Dichloropropene	5.502	75	22079	1.073	ug/l		97
30) Carbon Tetrachloride	5.499	117	19062	1.060	ug/l		99
31) Isopropyl Ether	3.997	45	30438	0.658	ug/l		94
32) Ethyl-t-butyl ether	4.505	59	39282m	1.001	ug/l		
33) Tert-Amyl methyl ether	5.946	73	27846m	0.992	ug/l		
34) Propionitrile	4.785	54	7445	5.090	ug/l	#	65
35) Benzene	5.759	78	63375	1.018	ug/l		99
36) 1,2-Dichloroethane	5.785	62	18142	0.997	ug/l		98
37) Trichloroethene	6.534	130	15095	1.026	ug/l		95
38) 1,2-Dichloropropane	6.785	63	17301	1.007	ug/l		96
39) Methacrylonitrile	4.975	41	5269	0.866	ug/l		95
40) Methyl acrylate	4.849	55	8997m	1.053	ug/l		
41) Tetrahydrofuran	5.068	42	6005	1.834	ug/l		99
42) 1-Chlorobutane	5.438	56	31299	1.072	ug/l		89
43) Dibromomethane	6.910	93	8139	1.014	ug/l		95
44) Bromodichloromethane	7.100	83	19652	1.005	ug/l		95

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Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2025

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:54:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 26 01:53:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	37508	4.352	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	6270m	2.213	ug/l	
47) Methyl methacrylate	6.971	69	10575	1.700	ug/l	96
48) Ethyl methacrylate	8.338	69	10029	0.900	ug/l	93
49) Toluene	7.962	92	31315	0.917	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	12870	0.912	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	18133	0.957	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	12487	1.064	ug/l	98
53) 1,3-Dichloropropane	8.573	76	19830	0.982	ug/l	97
54) 2-Hexanone	8.695	43	23923	4.137	ug/l	94
55) Dibromochloromethane	8.804	129	11748	0.970	ug/l	97
56) 1,2-Dibromoethane	8.920	107	9041	0.950	ug/l	95
58) Tetrachloroethene	8.544	164	14810	1.027	ug/l	98
59) Chlorobenzene	9.444	112	35039	0.958	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.524	131	13075	0.993	ug/l	98
61) Pentachloroethane	11.418	117	10934	1.019	ug/l	95
62) Hexachloroethane	12.463	117	9561	0.991	ug/l	93
63) Ethyl Benzene	9.563	91	51613	0.880	ug/l	99
64) m/p-Xylenes	9.688	106	38201	1.670	ug/l	98
65) o-Xylene	10.094	106	18857	0.846	ug/l	100
66) Styrene	10.113	104	31047	0.856	ug/l	97
67) Bromoform	10.283	173	6399	0.967	ug/l	96
69) Isopropylbenzene	10.476	105	44545	0.863	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	15342	1.022	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	12857m	1.049	ug/l	
72) Bromobenzene	10.782	156	13414	0.926	ug/l	90
73) n-propylbenzene	10.901	120	13516	0.863	ug/l	96
74) 2-Chlorotoluene	10.978	126	12620	0.881	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	42102	0.839	ug/l	99
76) 4-Chlorotoluene	11.094	126	13088	0.873	ug/l	97
77) tert-Butylbenzene	11.412	119	41793	0.881	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	42246	0.836	ug/l	97
79) sec-Butylbenzene	11.634	105	58832	0.876	ug/l	99
80) Nitrobenzene	13.225	77	3106m	4.540	ug/l	
81) p-Isopropyltoluene	11.785	119	45478	0.866	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	28581	0.952	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	28915	0.929	ug/l	98
84) n-Butylbenzene	12.203	91	46765	0.851	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	27917	0.972	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	2026	0.982	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	14633	0.914	ug/l	95
88) Hexachlorobutadiene	14.013	225	11527	1.015	ug/l	97
89) Naphthalene	14.087	128	23772	0.891	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	14322	0.899	ug/l	97

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

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