Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063442.D
Acq On : 24 Jun 2025 17:24
Operator : MD/SY
Sample : Q2126-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 03:10:56 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

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

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	48591	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14162	0.794	ug/l	0.00
Spiked Amount 1.000			Recovery = 79.000%			
68) 1,2-Dichlorobenzene-d4	12.187	152	15732	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery = 88.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	9237	0.495	ug/l	99
3) Chloromethane	1.518	50	12976	0.528	ug/l	99
4) Vinyl Chloride	1.599	62	11197	0.532	ug/l	99
5) Bromomethane	1.849	94	6134	0.608	ug/l	93
6) Chloroethane	1.923	64	6084	0.488	ug/l	96
7) Trichlorofluoromethane	2.126	101	12121	0.505	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	5981	0.468	ug/l	97
9) 1,1-Dichloroethene	2.570	96	6859	0.538	ug/l	90
10) Iodomethane	2.708	142	3605	0.350	ug/l	97
11) Allyl Chloride	2.910	41	10691m	0.470	ug/l	
12) Acrylonitrile	3.312	53	3772	1.023	ug/l	91
13) Acetone	2.621	43	8344	2.257	ug/l	93
14) Carbon Disulfide	2.775	76	21033	0.473	ug/l	95
15) Methylene Chloride	3.029	84	8363	0.517	ug/l	97
16) trans-1,2-Dichloroethene	3.332	96	7466	0.520	ug/l	88
17) 1,1-Dichloroethane	3.853	63	14746	0.489	ug/l	96
18) 2-Butanone	4.724	43	10448	2.031	ug/l	94
19) Cyclohexane	5.361	56	11071	0.485	ug/l	95
20) Methylcyclohexane	6.743	83	8650	0.409	ug/l	94
21) 2,2-Dichloropropane	4.644	77	9964	0.465	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	7495	0.478	ug/l	98
23) Diethyl Ether	2.370	59	4986	0.433	ug/l #	87
24) tert-Butyl Alcohol	3.203	59	6684	5.511	ug/l #	94
25) Methyl tert-Butyl Ether	3.364	73	16666	0.480	ug/l #	88
26) Bromochloromethane	4.955	128	3019	0.495	ug/l	90
27) Chloroform	5.068	83	14174	0.502	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	10916	0.476	ug/l	97
29) 1,1-Dichloropropene	5.505	75	9859	0.471	ug/l	97
30) Carbon Tetrachloride	5.499	117	8017	0.438	ug/l	97
31) Isopropyl Ether	4.000	45	22816	0.485	ug/l	97
32) Ethyl-t-butyl ether	4.512	59	18962m	0.475	ug/l	
33) Tert-Amyl methyl ether	5.946	73	12052	0.422	ug/l	99
34) Propionitrile	4.785	54	3725	2.503	ug/l #	90
35) Benzene	5.759	78	29855	0.472	ug/l	100
36) 1,2-Dichloroethane	5.788	62	8587	0.464	ug/l #	95
37) Trichloroethene	6.534	130	6798	0.454	ug/l	95
38) 1,2-Dichloropropane	6.785	63	7989	0.457	ug/l	99
39) Methacrylonitrile	4.978	41	3064m	0.495	ug/l	
40) Methyl acrylate	4.856	55	4247	0.489	ug/l #	74
41) Tetrahydrofuran	5.061	42	4259m	1.279	ug/l	
42) 1-Chlorobutane	5.438	56	13575m	0.457	ug/l	
43) Dibromomethane	6.920	93	3820	0.468	ug/l	96
44) Bromodichloromethane	7.100	83	9225	0.464	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063442.D
Acq On : 24 Jun 2025 17:24
Operator : MD/SY
Sample : Q2126-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Jun 25 03:10:56 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	19695	2.246	ug/l		91
46) t-1,4-Dichloro-2-butene	10.827	75	3192m	1.107	ug/l		
47) Methyl methacrylate	6.975	69	4074	0.644	ug/l	#	83
48) Ethyl methacrylate	8.341	69	5045	0.445	ug/l		97
49) Toluene	7.965	92	13865	0.399	ug/l		99
50) t-1,3-Dichloropropene	8.213	75	5784	0.403	ug/l		97
51) cis-1,3-Dichloropropene	7.605	75	7544	0.391	ug/l		97
52) 1,1,2-Trichloroethane	8.396	97	5501	0.461	ug/l		86
53) 1,3-Dichloropropane	8.576	76	9130	0.444	ug/l		98
54) 2-Hexanone	8.698	43	13235	2.250	ug/l		88
55) Dibromochloromethane	8.804	129	5351	0.434	ug/l		96
56) 1,2-Dibromoethane	8.920	107	4157	0.429	ug/l		94
58) Tetrachloroethene	8.544	164	6231	0.424	ug/l		95
59) Chlorobenzene	9.444	112	16194	0.435	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.524	131	6102	0.456	ug/l		94
61) Pentachloroethane	11.418	117	5554	0.509	ug/l		99
62) Hexachloroethane	12.466	117	4572	0.466	ug/l		88
63) Ethyl Benzene	9.563	91	23910	0.401	ug/l		97
64) m/p-Xylenes	9.688	106	16614	0.714	ug/l		97
65) o-Xylene	10.097	106	8291	0.366	ug/l		98
66) Styrene	10.116	104	12874	0.349	ug/l		98
67) Bromoform	10.286	173	3001	0.446	ug/l	#	97
69) Isopropylbenzene	10.479	105	20002	0.381	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.775	83	7269	0.476	ug/l		94
71) 1,2,3-Trichloropropane	10.817	75	5987m	0.480	ug/l		
72) Bromobenzene	10.782	156	6300	0.427	ug/l		89
73) n-propylbenzene	10.900	120	6062	0.381	ug/l		94
74) 2-Chlorotoluene	10.981	126	5536	0.380	ug/l		98
75) 1,3,5-Trimethylbenzene	11.081	105	17473	0.342	ug/l		100
76) 4-Chlorotoluene	11.093	126	5717	0.375	ug/l		97
77) tert-Butylbenzene	11.415	119	18680	0.387	ug/l		98
78) 1,2,4-Trimethylbenzene	11.463	105	18212	0.354	ug/l		97
79) sec-Butylbenzene	11.637	105	25138	0.368	ug/l		97
80) Nitrobenzene	13.222	77	2640	3.793	ug/l	#	64
81) p-Isopropyltoluene	11.788	119	19080	0.357	ug/l		98
82) 1,3-Dichlorobenzene	11.743	146	13560	0.444	ug/l		98
83) 1,4-Dichlorobenzene	11.833	146	14314m	0.452	ug/l		
84) n-Butylbenzene	12.206	91	22579	0.404	ug/l		96
85) 1,2-Dichlorobenzene	12.209	146	13498	0.462	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	12.990	75	1009	0.480	ug/l		99
87) 1,2,4-Trichlorobenzene	13.839	180	8993	0.552	ug/l		96
88) Hexachlorobutadiene	14.013	225	5797	0.502	ug/l		95
89) Naphthalene	14.090	128	17854	0.658	ug/l		99
90) 1,2,3-Trichlorobenzene	14.328	180	9397	0.580	ug/l		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063442.D
Acq On : 24 Jun 2025 17:24
Operator : MD/SY
Sample : Q2126-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 03:10:56 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

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

Manual Integrations APPROVED

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