Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063255.D
Acq On : 12 Feb 2025 15:30
Operator : MD/SY
Sample : Q1168-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 03:48:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Feb 13 03:48:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.106	96	47279	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13480	0.864	ug/l	0.00
Spiked Amount 1.000			Recovery = 86.000%			
68) 1,2-Dichlorobenzene-d4	12.187	152	13828	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery = 85.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	4370	0.284	ug/l	96
3) Chloromethane	1.518	50	5495	0.311	ug/l	98
4) Vinyl Chloride	1.599	62	4838	0.276	ug/l	99
5) Bromomethane	1.846	94	3005	0.351	ug/l	90
6) Chloroethane	1.923	64	3128	0.284	ug/l	93
7) Trichlorofluoromethane	2.129	101	6015	0.290	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3563	0.303	ug/l	95
9) 1,1-Dichloroethene	2.570	96	3396	0.283	ug/l	91
10) Iodomethane	2.714	142	5122	0.272	ug/l	96
11) Allyl Chloride	2.914	41	4514	0.262	ug/l	94
12) Acrylonitrile	3.328	53	1103m	0.399	ug/l	
13) Acetone	2.621	43	3443	1.618	ug/l	96
14) Carbon Disulfide	2.785	76	12818	0.306	ug/l	96
15) Methylene Chloride	3.033	84	4617	0.312	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	3788	0.277	ug/l	90
17) 1,1-Dichloroethane	3.859	63	7202	0.279	ug/l #	94
18) 2-Butanone	4.740	43	4205m	1.242	ug/l	
19) Cyclohexane	5.377	56	5509m	0.266	ug/l	
20) Methylcyclohexane	6.750	83	5309	0.258	ug/l	97
21) 2,2-Dichloropropane	4.653	77	5664	0.281	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	3887	0.263	ug/l	91
23) Diethyl Ether	2.370	59	2766	0.269	ug/l	95
24) tert-Butyl Alcohol	3.174	59	7161	5.720	ug/l #	77
25) Methyl tert-Butyl Ether	3.348	73	7435	0.248	ug/l	99
26) Bromochloromethane	4.968	128	1821	0.282	ug/l	87
27) Chloroform	5.078	83	7515	0.289	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	5441	0.258	ug/l	93
29) 1,1-Dichloropropene	5.521	75	4932	0.261	ug/l	95
30) Carbon Tetrachloride	5.515	117	5131	0.284	ug/l	96
31) Isopropyl Ether	3.978	45	9467	0.257	ug/l	91
32) Ethyl-t-butyl ether	4.489	59	8615	0.257	ug/l	87
33) Tert-Amyl methyl ether	5.926	73	7652	0.261	ug/l #	91
34) Propionitrile	4.820	54	764m	0.748	ug/l	
35) Benzene	5.769	78	15040	0.259	ug/l	100
36) 1,2-Dichloroethane	5.788	62	4289	0.256	ug/l	99
37) Trichloroethene	6.537	130	3998	0.289	ug/l	84
38) 1,2-Dichloropropane	6.785	63	3897	0.256	ug/l	93
39) Methacrylonitrile	5.000	41	864m	0.227	ug/l	
40) Methyl acrylate	4.920	55	1495m	0.213	ug/l	
41) Tetrahydrofuran	5.065	42	1104	0.499	ug/l #	56
42) 1-Chlorobutane	5.451	56	6330	0.245	ug/l	93
43) Dibromomethane	6.913	93	2115	0.275	ug/l	98
44) Bromodichloromethane	7.100	83	5138	0.287	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063255.D
Acq On : 12 Feb 2025 15:30
Operator : MD/SY
Sample : Q1168-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

Quant Time: Feb 13 03:48:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Feb 13 03:48:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	9523m	1.180	ug/l		
46) t-1,4-Dichloro-2-butene	10.830	75	1925m	0.507	ug/l		
47) Methyl methacrylate	6.968	69	2540m	0.392	ug/l		
48) Ethyl methacrylate	8.338	69	2463m	0.202	ug/l		
49) Toluene	7.965	92	7600	0.227	ug/l		97
50) t-1,3-Dichloropropene	8.212	75	3870	0.236	ug/l		89
51) cis-1,3-Dichloropropene	7.602	75	5236	0.258	ug/l		94
52) 1,1,2-Trichloroethane	8.393	97	2639	0.254	ug/l		95
53) 1,3-Dichloropropane	8.566	76	4707	0.255	ug/l		99
54) 2-Hexanone	8.692	43	5720m	1.038	ug/l		
55) Dibromochloromethane	8.804	129	3146	0.263	ug/l		96
56) 1,2-Dibromoethane	8.920	107	2616	0.269	ug/l		92
58) Tetrachloroethene	8.550	164	3324	0.292	ug/l		96
59) Chlorobenzene	9.447	112	9470	0.269	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.524	131	3380	0.267	ug/l		98
61) Pentachloroethane	11.418	117	3150	0.278	ug/l		83
62) Hexachloroethane	12.466	117	2679	0.268	ug/l		93
63) Ethyl Benzene	9.566	91	13941	0.229	ug/l		92
64) m/p-Xylenes	9.692	106	9050	0.398	ug/l		94
65) o-Xylene	10.093	106	4509	0.203	ug/l		98
67) Bromoform	10.283	173	1739	0.257	ug/l	#	93
69) Isopropylbenzene	10.476	105	11175	0.214	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.775	83	3362	0.240	ug/l		96
71) 1,2,3-Trichloropropane	10.817	75	3094m	0.294	ug/l		
72) Bromobenzene	10.781	156	3732	0.265	ug/l		90
73) n-propylbenzene	10.900	120	4061	0.271	ug/l		93
74) 2-Chlorotoluene	10.981	126	2820	0.204	ug/l		81
76) 4-Chlorotoluene	11.097	126	2918	0.206	ug/l		97
77) tert-Butylbenzene	11.412	119	10415	0.213	ug/l		96
79) sec-Butylbenzene	11.637	105	12634	0.203	ug/l		100
82) 1,3-Dichlorobenzene	11.743	146	6555	0.240	ug/l		97
83) 1,4-Dichlorobenzene	11.833	146	6258	0.234	ug/l		96
85) 1,2-Dichlorobenzene	12.206	146	6226	0.237	ug/l		97
88) Hexachlorobutadiene	14.013	225	2333	0.255	ug/l		91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063255.D
Acq On : 12 Feb 2025 15:30
Operator : MD/SY
Sample : Q1168-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 03:48:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Feb 13 03:48:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025