

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057797.D
 Acq On : 02 Feb 2024 17:17
 Operator : MD/SY
 Sample : P1187-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 05 02:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 05 02:31:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	41009	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13584	0.875	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12426	0.889	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3026	0.231	ug/l	94
4) Vinyl Chloride	1.602	62	2793	0.209	ug/l	99
5) Bromomethane	1.856	94	1999	0.252	ug/l	99
10) Iodomethane	2.721	142	2437	0.202	ug/l	96
12) Acrylonitrile	3.364	53	521m	0.300	ug/l	
13) Acetone	2.650	43	2761	0.877	ug/l	90
15) Methylene Chloride	3.039	84	4670	0.384	ug/l	91
18) 2-Butanone	4.759	43	2864m	0.844	ug/l	
19) Cyclohexane	5.383	56	3454	0.210	ug/l	97
23) Diethyl Ether	2.374	59	1590	0.216	ug/l #	89
24) tert-Butyl Alcohol	3.261	59	987m	1.180	ug/l	
27) Chloroform	5.078	83	4369	0.200	ug/l	89
41) Tetrahydrofuran	5.084	42	694m	0.464	ug/l	
45) 4-Methyl-2-Pentanone	7.798	43	5130	0.879	ug/l	94
46) t-1,4-Dichloro-2-butene	10.836	75	505m	0.381	ug/l	
47) Methyl methacrylate	6.971	69	1416	0.293	ug/l #	89
54) 2-Hexanone	8.695	43	4372	0.814	ug/l	86
64) m/p-Xylenes	9.692	106	6454	0.322	ug/l	89
73) n-propylbenzene	10.904	120	4317	0.330	ug/l	93
89) Naphthalene	14.103	128	4254	0.220	ug/l #	80
90) 1,2,3-Trichlorobenzene	14.331	180	2137	0.205	ug/l #	87

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

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