

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053168.D
 Acq On : 28 Feb 2023 12:47
 Operator : JC/MD
 Sample : 01627-09 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 01 03:54:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 01 03:54:45 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023

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

Internal Standards						
1) Fluorobenzene	6.112	96	24557	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	9847	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	7637	0.929	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.862	94	873	0.224	ug/l	99
6) Chloroethane	1.936	64	877	0.211	ug/l	94
11) Allyl Chloride	2.926	41	1906	0.228	ug/l	85
12) Acrylonitrile	3.315	53	585m	0.427	ug/l	
13) Acetone	2.643	43	2948m	1.507	ug/l	
15) Methylene Chloride	3.048	84	2845	0.372	ug/l	97
18) 2-Butanone	4.727	43	2449m	1.042	ug/l	
21) 2,2-Dichloropropane	4.662	77	2671	0.237	ug/l	# 65
24) tert-Butyl Alcohol	3.244	59	1195m	2.326	ug/l	
29) 1,1-Dichloropropene	5.524	75	1750	0.210	ug/l	# 79
31) Isopropyl Ether	3.990	45	4741m	0.231	ug/l	
34) Propionitrile	4.801	54	388m	0.710	ug/l	
39) Methacrylonitrile	4.977	41	550m	0.236	ug/l	
40) Methyl acrylate	4.862	55	1173m	0.326	ug/l	
41) Tetrahydrofuran	5.074	42	711	0.622	ug/l	# 54
42) 1-Chlorobutane	5.456	56	2453	0.211	ug/l	86
45) 4-Methyl-2-Pentanone	7.800	43	3863	1.003	ug/l	96
46) t-1,4-Dichloro-2-butene	10.832	75	823m	0.424	ug/l	
47) Methyl methacrylate	6.964	69	1234	0.380	ug/l	# 96
54) 2-Hexanone	8.694	43	3191	0.973	ug/l	96
58) Tetrachloroethene	8.550	164	912	0.203	ug/l	93
64) m/p-Xylenes	9.694	106	4241	0.374	ug/l	96
72) Bromobenzene	10.784	156	1245	0.207	ug/l	95
76) 4-Chlorotoluene	11.096	126	1557	0.217	ug/l	78
80) Nitrobenzene	13.237	77	196m	0.601	ug/l	
87) 1,2,4-Trichlorobenzene	13.842	180	1784	0.231	ug/l	# 91
89) Naphthalene	14.090	128	4504	0.274	ug/l	98
90) 1,2,3-Trichlorobenzene	14.324	180	1744	0.256	ug/l	# 84

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

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