

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053156.D
 Acq On : 27 Feb 2023 17:18
 Operator : JC/MD
 Sample : 01627-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 28 04:06:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 04:06:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

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

Internal Standards						
1) Fluorobenzene	6.112	96	24830	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	9875	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	7658	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.858	94	837	0.213	ug/l	92
6) Chloroethane	1.936	64	952	0.227	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	1247	0.200	ug/l #	69
11) Allyl Chloride	2.929	41	2382m	0.282	ug/l	
12) Acrylonitrile	3.318	53	507	0.366	ug/l #	29
13) Acetone	2.646	43	2522m	1.275	ug/l	
14) Carbon Disulfide	2.794	76	2615	0.211	ug/l #	89
15) Methylene Chloride	3.048	84	3258	0.422	ug/l	90
18) 2-Butanone	4.730	43	3042m	1.281	ug/l	
21) 2,2-Dichloropropane	4.665	77	2592	0.228	ug/l #	75
24) tert-Butyl Alcohol	3.190	59	1364m	2.625	ug/l	
28) 1,1,1-Trichloroethane	5.315	97	2300	0.204	ug/l	90
34) Propionitrile	4.797	54	630m	1.140	ug/l	
39) Methacrylonitrile	4.987	41	494	0.210	ug/l #	29
40) Methyl acrylate	4.865	55	842m	0.231	ug/l	
41) Tetrahydrofuran	5.061	42	562	0.486	ug/l #	70
42) 1-Chlorobutane	5.456	56	2649	0.226	ug/l	78
45) 4-Methyl-2-Pentanone	7.800	43	4297	1.104	ug/l	93
46) t-1,4-Dichloro-2-butene	10.823	75	797m	0.406	ug/l	
47) Methyl methacrylate	6.971	69	1269	0.387	ug/l #	87
54) 2-Hexanone	8.691	43	3503	1.056	ug/l	86
64) m/p-Xylenes	9.691	106	3999	0.349	ug/l	88
76) 4-Chlorotoluene	11.099	126	1518	0.210	ug/l	96
80) Nitrobenzene	13.231	77	324m	0.982	ug/l	
82) 1,3-Dichlorobenzene	11.746	146	3012	0.225	ug/l	89
83) 1,4-Dichlorobenzene	11.836	146	2912	0.213	ug/l	95
84) n-Butylbenzene	12.209	91	6201	0.213	ug/l	97
87) 1,2,4-Trichlorobenzene	13.835	180	1993	0.255	ug/l	88
89) Naphthalene	14.089	128	4869	0.293	ug/l #	87
90) 1,2,3-Trichlorobenzene	14.334	180	1723	0.250	ug/l	97

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

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