

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031020\
 Data File : VU037145.D
 Acq On : 10 Mar 2020 11:15
 Operator : JC/MD
 Sample : L1161-09 0.25 ppb
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Manual Integrations
 APPROVED

sam
 3/11/2020 3:32:12 PM

Quant Time: Mar 10 11:45:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	14222	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	4515	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	5020	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	1497	0.216	ug/l	93
3) Chloromethane	1.54	50	1535	0.222	ug/l	90
4) Vinyl Chloride	1.62	62	1243	0.205	ug/l	94
5) Bromomethane	1.87	94	425	0.201	ug/l	90
6) Chloroethane	1.95	64	900	0.310	ug/l	92
7) Trichlorofluoromethane	2.16	101	1475	0.200	ug/l	98
9) 1,1-Dichloroethene	2.60	96	704	0.214	ug/l	84
11) Allyl Chloride	2.95	41	1516	0.238	ug/l #	61
12) Acrylonitrile	3.35	53	289m	0.372	ug/l	
13) Acetone	2.67	43	1168	1.351	ug/l #	78
14) Carbon Disulfide	2.82	76	2271	0.207	ug/l #	75
15) Methylene Chloride	3.08	84	938	0.227	ug/l #	66
18) 2-Butanone	4.77	43	1406	1.064	ug/l	75
21) 2,2-Dichloropropane	4.71	77	1700	0.230	ug/l #	57
24) tert-Butyl Alcohol	3.28	59	650m	2.134	ug/l	
25) Methyl tert-Butyl Ether	3.41	73	1963	0.204	ug/l #	86
27) Chloroform	5.13	83	2023	0.232	ug/l	96
31) Isopropyl Ether	4.05	45	2665	0.206	ug/l	89
41) Tetrahydrofuran	5.12	42	186	0.222	ug/l #	27
45) 4-Methyl-2-Pentanone	7.83	43	3207	0.991	ug/l #	77
46) t-1,4-Dichloro-2-butene	10.84	75	854	0.964	ug/l #	40
47) Methyl methacrylate	7.00	69	555	0.278	ug/l #	50
54) 2-Hexanone	8.72	43	1952	0.875	ug/l #	75
61) Pentachloroethane	11.45	117	664	0.206	ug/l #	42
64) m/p-Xylenes	9.72	106	2100	0.281	ug/l	87
71) 1,2,3-Trichloropropane	10.84	75	854	0.247	ug/l #	44
89) Naphthalene	14.13	128	800	0.358	ug/l #	72

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

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