

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037132.D
 Acq On : 09 Mar 2020 13:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Quant Time: Mar 09 15:42:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	16775	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	6402	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6677	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	

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Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	40366	7.280	ug/l 100
3) Chloromethane	1.54	50	39034	6.566	ug/l 97
4) Vinyl Chloride	1.62	62	34596	5.138	ug/l 98
5) Bromomethane	1.87	94	11601	2.773	ug/l 98
6) Chloroethane	1.95	64	16131	4.044	ug/l 99
7) Trichlorofluoromethane	2.16	101	42662	6.413	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	20852	5.032	ug/l 93
9) 1,1-Dichloroethene	2.60	96	18693	4.237	ug/l 75
10) Iodomethane	2.75	142	8888	1.878	ug/l # 77
11) Allyl Chloride	2.95	41	36357	5.961	ug/l # 62
12) Acrylonitrile	3.36	53	9633	8.903	ug/l 94
13) Acetone	2.66	43	23917	27.116	ug/l # 83
14) Carbon Disulfide	2.82	76	63810	4.177	ug/l 99
15) Methylene Chloride	3.07	84	21425	3.688	ug/l # 74
16) trans-1,2-Dichloroethene	3.38	96	20439	4.200	ug/l 87
17) 1,1-Dichloroethane	3.91	63	47248	5.958	ug/l 97
18) 2-Butanone	4.77	43	37384	32.183	ug/l 98
19) Cyclohexane	5.42	56	39999m	5.519	ug/l
20) Methylcyclohexane	6.79	83	39227	4.847	ug/l # 87
21) 2,2-Dichloropropane	4.71	77	42691	6.306	ug/l 94
22) cis-1,2-Dichloroethene	4.71	96	26294	5.208	ug/l 84
23) Diethyl Ether	2.40	59	15646	4.592	ug/l # 85
24) tert-Butyl Alcohol	3.25	59	17812	58.488	ug/l 97
25) Methyl tert-Butyl Ether	3.41	73	56024	4.847	ug/l # 70
26) Bromochloromethane	5.02	128	11427	5.226	ug/l 82
27) Chloroform	5.13	83	49462	6.306	ug/l 100
28) 1,1,1-Trichloroethane	5.35	97	44116	6.708	ug/l 97
29) 1,1-Dichloropropene	5.56	75	37140	5.786	ug/l 96
30) Carbon Tetrachloride	5.56	117	38733	6.878	ug/l 99
31) Isopropyl Ether	4.05	45	75239	6.251	ug/l 85
32) Ethyl-t-butyl ether	4.56	59	71189	5.652	ug/l 94
33) Tert-Amyl methyl ether	5.99	73	62167	5.391	ug/l 100
34) Propionitrile	4.84	54	10342	30.887	ug/l # 88
35) Benzene	5.81	78	101860	5.480	ug/l 98
36) 1,2-Dichloroethane	5.84	62	36400	7.275	ug/l # 92
37) Trichloroethene	6.57	130	26296	5.124	ug/l 95
38) 1,2-Dichloropropane	6.82	63	27651	5.917	ug/l 98
39) Methacrylonitrile	5.03	41	9710	6.900	ug/l # 84
40) Methyl acrylate	4.90	55	13861	6.215	ug/l # 93
41) Tetrahydrofuran	5.11	42	9796	12.777	ug/l # 85
42) 1-Chlorobutane	5.49	56	51375	6.178	ug/l 80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	14511	5.949	ug/l	91
44) Bromodichloromethane	7.14	83	37197	6.447	ug/l	97
45) 4-Methyl-2-Pentanone	7.83	43	95664	34.810	ug/l #	86
46) t-1,4-Dichloro-2-butene	10.86	75	10714m	8.852	ug/l	
47) Methyl methacrylate	7.00	69	24200	10.124	ug/l #	60
48) Ethyl methacrylate	8.36	69	23619	5.116	ug/l	70
49) Toluene	8.00	92	62087	5.233	ug/l	100sam
50) t-1,3-Dichloropropene	8.24	75	33865	5.890	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	38558	5.534	ug/l #	82
52) 1,1,2-Trichloroethane	8.43	97	19379	5.599	ug/l	98
53) 1,3-Dichloropropane	8.60	76	33100	5.580	ug/l	98
54) 2-Hexanone	8.72	43	66155	34.325	ug/l	85
55) Dibromochloromethane	8.83	129	23812	5.976	ug/l	98
56) 1,2-Dibromoethane	8.95	107	18228	5.470	ug/l	97
58) Tetrachloroethene	8.58	164	24226	4.723	ug/l	97
59) Chlorobenzene	9.47	112	66833	5.057	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	25467	6.033	ug/l	95
61) Pentachloroethane	11.45	117	19290	7.083	ug/l	93
62) Hexachloroethane	12.49	117	20569	5.926	ug/l	82
63) Ethyl Benzene	9.59	91	118214	5.337	ug/l	94
64) m/p-Xylenes	9.71	106	91510	10.437	ug/l	89
65) o-Xylene	10.12	106	43574	5.132	ug/l	89
66) Styrene	10.13	104	74182	5.217	ug/l	94
67) Bromoform	10.31	173	13001	5.699	ug/l #	97
69) Isopropylbenzene	10.50	105	118886	5.330	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.80	83	25863	5.923	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	19490m	6.256	ug/l	
72) Bromobenzene	10.80	156	27640	5.144	ug/l	89
73) n-propylbenzene	10.92	120	31879	5.094	ug/l	75
74) 2-Chlorotoluene	11.01	126	28353	5.275	ug/l	85
75) 1,3,5-Trimethylbenzene	11.10	105	106424	5.563	ug/l	93
76) 4-Chlorotoluene	11.11	126	29783	5.363	ug/l	77
77) tert-Butylbenzene	11.44	119	100712	5.556	ug/l	92
78) 1,2,4-Trimethylbenzene	11.48	105	108662	5.509	ug/l	95
79) sec-Butylbenzene	11.66	105	137770	5.478	ug/l	98
80) Nitrobenzene	13.24	77	2332	37.217	ug/l #	85
81) p-Isopropyltoluene	11.81	119	113297	5.390	ug/l	94
82) 1,3-Dichlorobenzene	11.76	146	57712	5.368	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	57317	5.334	ug/l	97
84) n-Butylbenzene	12.22	91	106875	5.498	ug/l	95
85) 1,2-Dichlorobenzene	12.23	146	54712	5.318	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	4294	5.810	ug/l	81
87) 1,2,4-Trichlorobenzene	13.87	180	30141	4.580	ug/l	99
88) Hexachlorobutadiene	14.05	225	17106	4.743	ug/l	99
89) Naphthalene	14.12	128	50720	4.474	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	28988	4.684	ug/l	99

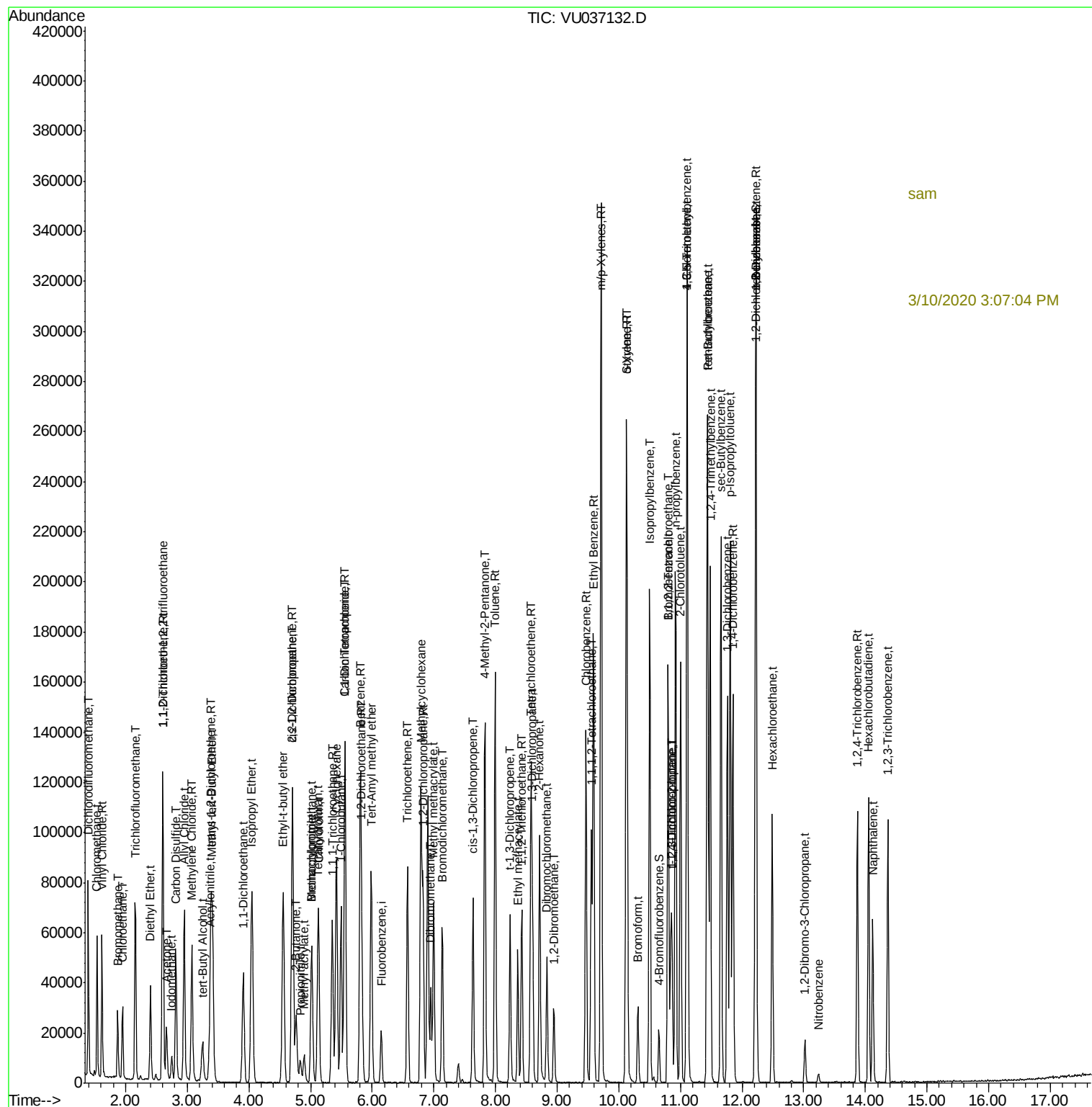
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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