

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091120\
 Data File : VU040097.D
 Acq On : 11 Sep 2020 10:58
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Sep 11 13:09:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 12:55:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.13	96	25718	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11087	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8560	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	5730	0.785	ug/l	97
3) Chloromethane	1.53	50	4600	0.595	ug/l #	85
4) Vinyl Chloride	1.61	62	5446	0.717	ug/l	92
5) Bromomethane	1.86	94	1221	0.216	ug/l #	74
6) Chloroethane	1.94	64	3657	0.730	ug/l	99
7) Trichlorofluoromethane	2.15	101	7754	0.680	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3211	0.488	ug/l	91
9) 1,1-Dichloroethene	2.59	96	2937	0.528	ug/l	95
13) Acetone	2.66	43	10182	5.745	ug/l	99
14) Carbon Disulfide	2.80	76	5512	0.357	ug/l	98
15) Methylene Chloride	3.06	84	5604	0.658	ug/l #	91
16) trans-1,2-Dichloroethene	3.37	96	2654	0.439	ug/l	100
17) 1,1-Dichloroethane	3.89	63	6484	0.492	ug/l #	92
18) 2-Butanone	4.74	43	14542	5.379	ug/l	95
19) Cyclohexane	5.40	56	4044m	0.369	ug/l	
20) Methylcyclohexane	6.77	83	4130	0.407	ug/l	97
22) cis-1,2-Dichloroethene	4.69	96	3327	0.473	ug/l	93
25) Methyl tert-Butyl Ether	3.38	73	8866	0.478	ug/l #	74
26) Bromochloromethane	5.00	128	1689	0.553	ug/l	89
27) Chloroform	5.11	83	7553	0.565	ug/l	91
28) 1,1,1-Trichloroethane	5.33	97	6080	0.523	ug/l	94
30) Carbon Tetrachloride	5.54	117	4978	0.472	ug/l	99
35) Benzene	5.79	78	12736	0.465	ug/l	94
36) 1,2-Dichloroethane	5.81	62	5353	0.502	ug/l #	89
37) Trichloroethene	6.55	130	3503	0.503	ug/l	100
38) 1,2-Dichloropropane	6.80	63	4154	0.523	ug/l	92
44) Bromodichloromethane	7.11	83	5761	0.523	ug/l	96
45) 4-Methyl-2-Pentanone	7.80	43	29265	4.684	ug/l	96
49) Toluene	7.98	92	6828	0.412	ug/l	89
50) t-1,3-Dichloropropene	8.22	75	5094	0.513	ug/l	94
51) cis-1,3-Dichloropropene	7.61	75	5060	0.458	ug/l	94
52) 1,1,2-Trichloroethane	8.40	97	3160	0.538	ug/l	93
54) 2-Hexanone	8.69	43	19658	4.340	ug/l	96
55) Dibromochloromethane	8.82	129	3908	0.570	ug/l	96
56) 1,2-Dibromoethane	8.92	107	3021	0.551	ug/l	92
58) Tetrachloroethene	8.56	164	2392	0.354	ug/l	88
59) Chlorobenzene	9.45	112	9152	0.498	ug/l	97
63) Ethyl Benzene	9.57	91	13729	0.438	ug/l	100
64) m/p-Xylenes	9.70	106	5193	0.443	ug/l	91
65) o-Xylene	10.10	106	4815	0.426	ug/l	100
66) Styrene	10.11	104	8219	0.414	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Bromoform	10.29	173	2097	0.594	ug/l #	95
69) Isopropylbenzene	10.48	105	13763	0.442	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.78	83	4115	0.524	ug/l	88
71) 1,2,3-Trichloropropane	10.82	75	3255	0.534	ug/l	76
73) n-propylbenzene	11.09	120	5185	0.606	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.08	105	11482	0.421	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	10850	0.380	ug/l	93
79) sec-Butylbenzene	11.46	105	10850	0.295	ug/l #	58
80) Nitrobenzene	12.99	77	136	0.432	ug/l #	45
82) 1,3-Dichlorobenzene	11.74	146	7825	0.489	ug/l	96
83) 1,4-Dichlorobenzene	11.83	146	7263	0.457	ug/l	95
85) 1,2-Dichlorobenzene	12.21	146	6885	0.448	ug/l	91
86) 1,2-Dibromo-3-Chloropropan	12.99	75	679	0.464	ug/l	91
87) 1,2,4-Trichlorobenzene	13.83	180	3230	0.364	ug/l	89
89) Naphthalene	14.08	128	5066	0.293	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.32	180	3206	0.388	ug/l	92

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

