

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091120\
 Data File : VU040100.D
 Acq On : 11 Sep 2020 12:09
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 11 13:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 12:56:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.13	96	31677	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	12831	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	12385	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	70487	7.836	ug/l	100
3) Chloromethane	1.53	50	54901	5.770	ug/l	100
4) Vinyl Chloride	1.61	62	61436	6.566	ug/l	97
5) Bromomethane	1.87	94	20576	2.953	ug/l	99
6) Chloroethane	1.94	64	34465	5.586	ug/l	98
7) Trichlorofluoromethane	2.15	101	88770	6.321	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	40274	4.970	ug/l	97
9) 1,1-Dichloroethene	2.59	96	28837	4.209	ug/l	98
12) Acrylonitrile	3.38	53	1805	0.758	ug/l #	13
13) Acetone	2.65	43	117079	53.631	ug/l	91
14) Carbon Disulfide	2.81	76	48740	2.562	ug/l	98
15) Methylene Chloride	3.06	84	45232	4.311	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	33158	4.457	ug/l	96
17) 1,1-Dichloroethane	3.89	63	80356	4.951	ug/l	97
18) 2-Butanone	4.73	43	177278	53.243	ug/l	100
19) Cyclohexane	5.40	56	50009	3.710	ug/l	100
20) Methylcyclohexane	6.77	83	51044	4.085	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	41440	4.783	ug/l	86
23) Diethyl Ether	2.59	59	2410	0.371	ug/l #	12
24) tert-Butyl Alcohol	3.20	59	1743	1.995	ug/l #	70
25) Methyl tert-Butyl Ether	3.38	73	110123	4.820	ug/l	99
26) Bromochloromethane	4.99	128	20521	5.452	ug/l	96
27) Chloroform	5.11	83	88655	5.381	ug/l	92
28) 1,1,1-Trichloroethane	5.33	97	75021	5.235	ug/l	98
30) Carbon Tetrachloride	5.54	117	60901	4.685	ug/l	99
34) Propionitrile	4.74	54	324	0.384	ug/l #	1
35) Benzene	5.79	78	158361	4.690	ug/l	98
36) 1,2-Dichloroethane	5.81	62	63826	4.859	ug/l	98
37) Trichloroethene	6.56	130	39897	4.648	ug/l	99
38) 1,2-Dichloropropane	6.80	63	48545	4.966	ug/l	99
40) Methyl acrylate	4.73	55	2675	0.462	ug/l #	1
42) 1-Chlorobutane	5.40	56	50009	2.776	ug/l	89
44) Bromodichloromethane	7.12	83	66220	4.883	ug/l	96
45) 4-Methyl-2-Pentanone	7.80	43	416485	54.118	ug/l	99
46) t-1,4-Dichloro-2-butene	10.82	75	39405	13.383	ug/l #	16
47) Methyl methacrylate	6.77	69	10831	2.237	ug/l #	1
49) Toluene	7.98	92	104206	5.106	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	63431	5.186	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	65288	4.794	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	39858	5.507	ug/l	97
54) 2-Hexanone	8.69	43	308115	55.225	ug/l	98

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55) Dibromochloromethane	8.81	129	44021	5.213	ug/l	98
56) 1,2-Dibromoethane	8.93	107	35177	5.204	ug/l	97
58) Tetrachloroethene	8.56	164	30474	3.658	ug/l	98
59) Chlorobenzene	9.45	112	116904	5.166	ug/l	97
61) Pentachloroethane	11.47	117	6682	1.183	ug/l #	16
63) Ethyl Benzene	9.57	91	204170	5.287	ug/l	99
64) m/p-Xylenes	9.69	106	78984	5.475	ug/l	99
65) o-Xylene	10.10	106	77605	5.572	ug/l	99
66) Styrene	10.11	104	141925	5.802	ug/l	99
67) Bromoform	10.29	173	23316	5.362	ug/l	98
69) Isopropylbenzene	10.48	105	211081	5.507	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	50961	5.267	ug/l	97
71) 1,2,3-Trichloropropane	10.82	75	39405	5.245	ug/l	84
73) n-propylbenzene	11.09	120	87464	8.299	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.09	105	186948	5.569	ug/l	99
77) tert-Butylbenzene	11.47	119	21857	0.700	ug/l #	57
78) 1,2,4-Trimethylbenzene	11.47	105	187190	5.317	ug/l	99
79) sec-Butylbenzene	11.47	105	187190	4.139	ug/l #	58
80) Nitrobenzene	12.99	77	2820	7.267	ug/l #	45
82) 1,3-Dichlorobenzene	11.74	146	102556	5.208	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	100027	5.111	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	95032	5.018	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	8767	4.868	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	57395	5.251	ug/l	100
89) Naphthalene	14.08	128	107862	5.063	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	55721	5.473	ug/l	96

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

