

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091120\
 Data File : VU040106.D
 Acq On : 11 Sep 2020 16:36
 Operator : SY/MD
 Sample : VU0911WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBS01

Quant Time: Sep 12 05:16:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 13:27:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.12	96	31717	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11901	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	11477	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	25056	1.786	ug/l	100
3) Chloromethane	1.53	50	20938	1.865	ug/l	98
4) Vinyl Chloride	1.61	62	22301	1.759	ug/l	95
5) Bromomethane	1.86	94	8450	2.127	ug/l	92
6) Chloroethane	1.94	64	13457	1.853	ug/l	98
7) Trichlorofluoromethane	2.15	101	30604	1.711	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	14952	1.871	ug/l	98
9) 1,1-Dichloroethene	2.59	96	11325	1.851	ug/l	99
13) Acetone	2.68	43	43713	9.429	ug/l #	88
14) Carbon Disulfide	2.81	76	17968	1.679	ug/l	98
15) Methylene Chloride	3.06	84	18399	1.790	ug/l	92
16) trans-1,2-Dichloroethene	3.37	96	12226	1.859	ug/l	95
17) 1,1-Dichloroethane	3.89	63	30946	1.916	ug/l	97
18) 2-Butanone	4.74	43	67178	9.594	ug/l	98
19) Cyclohexane	5.40	56	18325	1.828	ug/l	97
20) Methylcyclohexane	6.77	83	18662	1.837	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	16072	1.939	ug/l	85
25) Methyl tert-Butyl Ether	3.38	73	41557	1.875	ug/l	99
26) Bromochloromethane	4.99	128	7127	1.769	ug/l	98
27) Chloroform	5.11	83	32154	1.820	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	26046	1.755	ug/l	99
30) Carbon Tetrachloride	5.54	117	22519	1.847	ug/l	97
35) Benzene	5.79	78	60096	1.897	ug/l	96
36) 1,2-Dichloroethane	5.81	62	22924	1.800	ug/l	99
37) Trichloroethene	6.55	130	15425	1.895	ug/l	97
38) 1,2-Dichloropropane	6.80	63	17095	1.743	ug/l	92
44) Bromodichloromethane	7.11	83	23740	1.771	ug/l	98
45) 4-Methyl-2-Pentanone	7.80	43	143996	9.010	ug/l	98
49) Toluene	7.97	92	36957	1.839	ug/l	99
50) t-1,3-Dichloropropene	8.21	75	21895	1.744	ug/l	92
51) cis-1,3-Dichloropropene	7.61	75	23134	1.791	ug/l	96
52) 1,1,2-Trichloroethane	8.40	97	13828	1.775	ug/l	95
54) 2-Hexanone	8.69	43	103674	9.177	ug/l	99
55) Dibromochloromethane	8.82	129	15162	1.683	ug/l	98
56) 1,2-Dibromoethane	8.93	107	12824	1.791	ug/l	96
58) Tetrachloroethene	8.56	164	11316	1.870	ug/l	94
59) Chlorobenzene	9.45	112	43963	1.861	ug/l	100
63) Ethyl Benzene	9.57	91	70206	1.789	ug/l	99
64) m/p-Xylenes	9.69	106	28231	3.788	ug/l	94
65) o-Xylene	10.10	106	26981	1.887	ug/l	95
66) Styrene	10.11	104	46617	1.826	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Bromoform	10.29	173	8190	1.736	ug/l	96
69) Isopropylbenzene	10.48	105	70850	1.788	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	18155	1.790	ug/l	99
71) 1,2,3-Trichloropropane	10.82	75	14125	1.822	ug/l	83
75) 1,3,5-Trimethylbenzene	11.09	105	61886	1.793	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	60646	1.766	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	36448	1.825	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	36331	1.861	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	36222	1.947	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2920	1.691	ug/l	93
87) 1,2,4-Trichlorobenzene	13.83	180	22056	2.063	ug/l	97
89) Naphthalene	14.08	128	32112	1.627	ug/l	98
90) 1,2,3-Trichlorobenzene	14.32	180	18437	1.814	ug/l	97

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

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