

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091120\
 Data File : VU040099.D
 Acq On : 11 Sep 2020 11:45
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Sep 11 12:57:28 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)
1) Fluorobenzene	6.13	96	28103	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	11999	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10259	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	25313	3.172	ug/l 98
3) Chloromethane	1.53	50	20143	2.386	ug/l 92
4) Vinyl Chloride	1.61	62	21694	2.614	ug/l 98
5) Bromomethane	1.87	94	6153	0.995	ug/l 92
6) Chloroethane	1.94	64	12673	2.315	ug/l 98
7) Trichlorofluoromethane	2.15	101	30557	2.453	ug/l 94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	14039	1.953	ug/l 99
9) 1,1-Dichloroethene	2.59	96	10624	1.748	ug/l 93
13) Acetone	2.66	43	40251	20.783	ug/l 94
14) Carbon Disulfide	2.81	76	18488	1.095	ug/l 99
15) Methylene Chloride	3.06	84	16967	1.823	ug/l 98
16) trans-1,2-Dichloroethene	3.37	96	11072	1.678	ug/l 99
17) 1,1-Dichloroethane	3.89	63	28270	1.963	ug/l 98
18) 2-Butanone	4.74	43	60057	20.331	ug/l 99
19) Cyclohexane	5.40	56	17230	1.441	ug/l 95
20) Methylcyclohexane	6.77	83	16052	1.448	ug/l 95
22) cis-1,2-Dichloroethene	4.69	96	14638	1.904	ug/l 89
24) tert-Butyl Alcohol	3.20	59	994	1.282	ug/l # 70
25) Methyl tert-Butyl Ether	3.38	73	37524	1.851	ug/l 98
26) Bromochloromethane	4.99	128	6856	2.053	ug/l 98
27) Chloroform	5.11	83	30779	2.106	ug/l 95
28) 1,1,1-Trichloroethane	5.33	97	26094	2.053	ug/l 99
30) Carbon Tetrachloride	5.54	117	22216	1.926	ug/l 96
35) Benzene	5.79	78	53453	1.785	ug/l 100
36) 1,2-Dichloroethane	5.81	62	22736	1.951	ug/l 98
37) Trichloroethene	6.55	130	13922	1.828	ug/l 99
38) 1,2-Dichloropropane	6.80	63	17002	1.960	ug/l 97
42) 1-Chlorobutane	5.40	56	17230	1.078	ug/l 94
44) Bromodichloromethane	7.12	83	22605	1.879	ug/l 98
45) 4-Methyl-2-Pentanone	7.80	43	136451	19.985	ug/l 99
46) t-1,4-Dichloro-2-butene	10.82	75	13279	5.083	ug/l # 16
47) Methyl methacrylate	6.77	69	3799	0.884	ug/l # 1
49) Toluene	7.98	92	36482	2.015	ug/l 94
50) t-1,3-Dichloropropene	8.21	75	21266	1.960	ug/l 90
51) cis-1,3-Dichloropropene	7.62	75	22512	1.863	ug/l 96
52) 1,1,2-Trichloroethane	8.41	97	13610	2.120	ug/l 94
54) 2-Hexanone	8.69	43	97885	19.776	ug/l 98
55) Dibromochloromethane	8.82	129	16034	2.140	ug/l 97
56) 1,2-Dibromoethane	8.93	107	12623	2.105	ug/l 100
58) Tetrachloroethene	8.56	164	10939	1.480	ug/l 97
59) Chlorobenzene	9.45	112	41129	2.049	ug/l 96

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

61) Pentachloroethane	11.46	117	2017	0.402	ug/l #	16
63) Ethyl Benzene	9.57	91	66269	1.934	ug/l	99
64) m/p-Xylenes	9.70	106	25361	1.981	ug/l	96
65) o-Xylene	10.10	106	24197	1.958	ug/l	97
66) Styrene	10.11	104	42124	1.941	ug/l	99
67) Bromoform	10.29	173	7617	1.974	ug/l	99
69) Isopropylbenzene	10.48	105	66668	1.960	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	18547	2.161	ug/l	97
71) 1,2,3-Trichloropropane	10.82	75	13279	1.992	ug/l	83
73) n-propylbenzene	11.09	120	25975	2.778	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.09	105	55721	1.871	ug/l	99
77) tert-Butylbenzene	11.46	119	6961	0.251	ug/l #	59
78) 1,2,4-Trimethylbenzene	11.47	105	57356	1.836	ug/l	96
79) sec-Butylbenzene	11.47	105	57356	1.429	ug/l #	58
80) Nitrobenzene	12.99	77	983	2.855	ug/l #	45
82) 1,3-Dichlorobenzene	11.74	146	33483	1.916	ug/l	96
83) 1,4-Dichlorobenzene	11.83	146	34186	1.969	ug/l	96
85) 1,2-Dichlorobenzene	12.21	146	33134	1.972	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2934	1.836	ug/l	92
87) 1,2,4-Trichlorobenzene	13.83	180	17175	1.771	ug/l	97
89) Naphthalene	14.08	128	29959	1.585	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	17166	1.901	ug/l	97

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

