

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028331.D
 Acq On : 26 Nov 2018 11:25
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 2:33:37 PM

Quant Time: Nov 27 01:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 00:37:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	49219	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19136	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16946	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	180223	10.179	ug/l	100
3) Chloromethane	1.32	50	288214	9.564	ug/l	100
4) Vinyl Chloride	1.40	62	210932	10.227	ug/l	100
5) Bromomethane	1.63	94	73621	9.060	ug/l	100
6) Chloroethane	1.70	64	118495	9.841	ug/l	100
7) Trichlorofluoromethane	1.89	101	228105	10.127	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	132214	10.205	ug/l	100
9) 1,1-Dichloroethene	2.29	96	117614	9.815	ug/l	100
10) Iodomethane	2.41	142	90059	11.112	ug/l	100
11) Allyl Chloride	2.59	41	306386	10.128	ug/l	100
12) Acrylonitrile	2.95	53	72437	18.977	ug/l	100
13) Acetone	2.33	43	160704	45.431	ug/l	100
14) Carbon Disulfide	2.48	76	454366	9.982	ug/l	100
15) Methylene Chloride	2.70	84	142284	9.737	ug/l	100
16) trans-1,2-Dichloroethene	2.98	96	133268	9.937	ug/l	100
17) 1,1-Dichloroethane	3.44	63	300362	10.047	ug/l	100
18) 2-Butanone	4.29	43	280277	53.026	ug/l	100
19) Cyclohexane	4.99	56	268284	10.337	ug/l	100
20) Methylcyclohexane	6.41	83	267402	10.525	ug/l	100
21) 2,2-Dichloropropane	4.22	77	241163	10.051	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	163755	10.434	ug/l	100
23) Diethyl Ether	2.11	59	121948	10.151	ug/l	100
24) tert-Butyl Alcohol	2.86	59	125110	107.671	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	364212	10.232	ug/l	100
26) Bromochloromethane	4.55	128	61766	10.325	ug/l	100
27) Chloroform	4.67	83	276754	9.599	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	225754	10.026	ug/l	100
29) 1,1-Dichloropropene	5.13	75	222000	10.278	ug/l	100
30) Carbon Tetrachloride	5.13	117	179427	9.868	ug/l	100
31) Isopropyl Ether	3.58	45	545551	10.190	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	450807	10.223	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	379243	10.368	ug/l	100
34) Propionitrile	4.35	54	70195	52.865	ug/l	100
35) Benzene	5.39	78	651195	10.241	ug/l	100
36) 1,2-Dichloroethane	5.40	62	191142	10.050	ug/l	100
37) Trichloroethene	6.18	130	141968	10.251	ug/l	100
38) 1,2-Dichloropropane	6.43	63	185649	10.238	ug/l	100
39) Methacrylonitrile	4.55	41	71451	10.046	ug/l	100
40) Methyl acrylate	4.43	55	98373	10.053	ug/l	100
41) Tetrahydrofuran	4.66	42	72697	20.334	ug/l	100
42) 1-Chlorobutane	5.06	56	354680	10.330	ug/l	100

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43) Dibromomethane	6.56	93	80082	10.374	ug/l	100
44) Bromodichloromethane	6.76	83	207105	10.160	ug/l	100
45) 4-Methyl-2-Pentanone	7.47	43	652404	52.617	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	99115m	22.294	ug/l	
47) Methyl methacrylate	6.63	69	165894	21.054	ug/l	100
48) Ethyl methacrylate	8.02	69	168282	10.677	ug/l	100
49) Toluene	7.64	92	373620	10.580	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	205285	10.486	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	250196	10.349	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	110070	10.156	ug/l	100
53) 1,3-Dichloropropane	8.24	76	206666	10.209	ug/l	100
54) 2-Hexanone	8.37	43	464489	52.075	ug/l	100
55) Dibromochloromethane	8.48	129	122358	10.614	ug/l	100
56) 1,2-Dibromoethane	8.58	107	99980	10.128	ug/l	100
58) Tetrachloroethene	8.22	164	129467	10.210	ug/l	100
59) Chlorobenzene	9.12	112	379011	10.314	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	126615	10.168	ug/l	100
61) Pentachloroethane	11.10	117	99138	10.230	ug/l	100
62) Hexachloroethane	12.14	117	94263	10.380	ug/l	100
63) Ethyl Benzene	9.25	91	721070	10.635	ug/l	100
64) m/p-Xylenes	9.37	106	521977	21.272	ug/l	100
65) o-Xylene	9.78	106	255569	10.793	ug/l	100
66) Styrene	9.79	104	436821	10.755	ug/l	100
67) Bromoform	9.96	173	67697	10.478	ug/l	100
69) Isopropylbenzene	10.17	105	678561	10.702	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	150756	10.370	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	104601m	10.444	ug/l	
72) Bromobenzene	10.45	156	150601	10.701	ug/l	100
73) n-propylbenzene	10.58	120	180833	10.996	ug/l	100
74) 2-Chlorotoluene	10.66	126	151432	10.509	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	585228	10.967	ug/l	100
76) 4-Chlorotoluene	10.77	126	159896	10.945	ug/l	100
77) tert-Butylbenzene	11.10	119	538072	10.710	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	587728	10.748	ug/l	100
79) sec-Butylbenzene	11.32	105	758095	10.824	ug/l	100
80) Nitrobenzene	12.86	77	35894	54.807	ug/l	100
81) p-Isopropyltoluene	11.48	119	612669	11.008	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	298922	10.604	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	299867	10.688	ug/l	100
84) n-Butylbenzene	11.89	91	657457	11.252	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	281613	10.496	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	24184	10.342	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	207171	10.984	ug/l	100
88) Hexachlorobutadiene	13.69	225	108071	10.590	ug/l	100
89) Naphthalene	13.74	128	405203	10.870	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	190570	10.715	ug/l	100

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

