Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029851.D
Acq On : 07 Mar 2019 13:32
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Mar 08 02:33:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	62439	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	23674	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	27060	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	203498	9.740	ug/l	98
3) Chloromethane	1.33	50	167247	8.990	ug/l	99
4) Vinyl Chloride	1.40	62	210036	10.036	ug/l	100
5) Bromomethane	1.62	94	111372	7.792	ug/l	98
6) Chloroethane	1.69	64	124229	9.899	ug/l	96
7) Trichlorofluoromethane	1.88	101	289631	10.155	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	167494	10.095	ug/l	99
9) 1,1-Dichloroethene	2.28	96	163448	10.064	ug/l	99
10) Iodomethane	2.41	142	179873	9.915	ug/l	99
11) Allyl Chloride	2.59	41	227954	9.984	ug/l	99
12) Acrylonitrile	2.94	53	69388	19.594	ug/l	98
13) Acetone	2.32	43	141827	48.356	ug/l	99
14) Carbon Disulfide	2.47	76	511377	9.723	ug/l	100
15) Methylene Chloride	2.70	84	184496	9.467	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	178854	9.749	ug/l	99
17) 1,1-Dichloroethane	3.44	63	306666	9.990	ug/l	99
18) 2-Butanone	4.27	43	205862	51.647	ug/l	99
19) Cyclohexane	4.99	56	249682m	10.476	ug/l	
20) Methylcyclohexane	6.41	83	296150	10.669	ug/l	100
21) 2,2-Dichloropropane	4.22	77	252671	10.070	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	199402	10.255	ug/l	99
23) Diethyl Ether	2.10	59	120803	9.921	ug/l	98
24) tert-Butyl Alcohol	2.84	59	132197	105.251	ug/l	97
25) Methyl tert-Butyl Ether	3.00	73	409532	10.013	ug/l	99
26) Bromochloromethane	4.54	128	88174	10.215	ug/l	98
27) Chloroform	4.67	83	314865	10.130	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	271739	10.311	ug/l	99
29) 1,1-Dichloropropene	5.13	75	237318	10.133	ug/l	99
30) Carbon Tetrachloride	5.13	117	240790	10.473	ug/l	99
31) Isopropyl Ether	3.58	45	434494	10.263	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	419853	10.202	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	399434	10.496	ug/l	99
34) Propionitrile	4.33	54	63501	53.557	ug/l #	95
35) Benzene	5.38	78	714657	10.358	ug/l	100
36) 1,2-Dichloroethane	5.40	62	190670	10.118	ug/l	99
37) Trichloroethene	6.18	130	205261	10.190	ug/l	99
38) 1,2-Dichloropropane	6.43	63	178705	10.233	ug/l	96
39) Methacrylonitrile	4.55	41	52115	10.449	ug/l	98
40) Methyl acrylate	4.42	55	83281	10.564	ug/l	99
41) Tetrahydrofuran	4.65	42	50916	19.518	ug/l	98
42) 1-Chlorobutane	5.06	56	318575	10.647	ug/l	100

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3/8/2019 11:48:03 AM

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Mar 08 02:33:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	91754	10.137	ug/l	99
44) Bromodichloromethane	6.75	83	228988	10.301	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	499697	52.934	ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	86352m	21.880	ug/l	
47) Methyl methacrylate	6.62	69	168203	21.656	ug/l	100
48) Ethyl methacrylate	8.02	69	167213	11.236	ug/l	100
49) Toluene	7.63	92	456945	10.784	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	205445	10.546	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	254925	10.571	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	140060	10.454	ug/l	98
53) 1,3-Dichloropropane	8.24	76	225666	10.269	ug/l	100
54) 2-Hexanone	8.36	43	351674	53.640	ug/l	99
55) Dibromochloromethane	8.47	129	167686	10.546	ug/l	100
56) 1,2-Dibromoethane	8.58	107	128063	10.081	ug/l	99
58) Tetrachloroethene	8.22	164	218674	10.628	ug/l	99
59) Chlorobenzene	9.12	112	513133	10.538	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	183157	10.485	ug/l	100
61) Pentachloroethane	11.10	117	124374	10.227	ug/l	100
62) Hexachloroethane	12.14	117	136002	10.630	ug/l	97
63) Ethyl Benzene	9.25	91	877517	11.001	ug/l	100
64) m/p-Xylenes	9.37	106	700238	22.206	ug/l	99
65) o-Xylene	9.77	106	337476	11.143	ug/l	100
66) Styrene	9.79	104	572296	11.374	ug/l	99
67) Bromoform	9.95	173	100236	10.733	ug/l	98
69) Isopropylbenzene	10.16	105	892036	11.107	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	170646	10.444	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	120278m	9.905	ug/l	
72) Bromobenzene	10.45	156	229482	10.795	ug/l	98
73) n-propylbenzene	10.58	120	257245	11.394	ug/l	99
74) 2-Chlorotoluene	10.66	126	217188	10.845	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	762212	11.266	ug/l	100
76) 4-Chlorotoluene	10.77	126	222506	10.895	ug/l	97
77) tert-Butylbenzene	11.10	119	746514	11.152	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	784235	11.471	ug/l	99
79) sec-Butylbenzene	11.32	105	1008405	11.367	ug/l	100
80) Nitrobenzene	12.86	77	16709	56.332	ug/l	98
81) p-Isopropyltoluene	11.47	119	850055	11.446	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	450412	10.699	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	447324	10.874	ug/l	100
84) n-Butylbenzene	11.89	91	776984	11.482	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	418141	10.533	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	25640	10.991	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	290031	11.408	ug/l	98
88) Hexachlorobutadiene	13.69	225	171691	10.722	ug/l	99
89) Naphthalene	13.74	128	471519	9.600	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	266135	11.143	ug/l	98

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

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